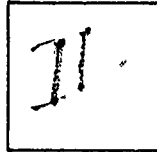


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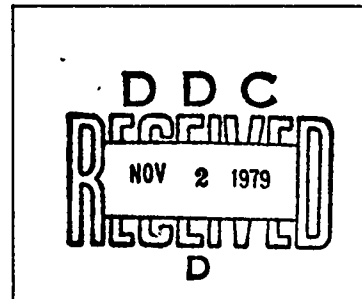
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USAFETAC
Air Weather Service (MAC)**

ELMENDORF AFB ALASKA/ANCHORAGE
N 61 15 W 149 48 FLD ELEV 212 FT EDF

WBAN # 26401
WMO # 70272

PARTS A - F

FOR: FROM HOURLY OBS JUN 66-MAY 76

FOR: FROM DAILY OBS MAR 41-OCT 53, APR 56 - MAY 76

SEP 17 1976

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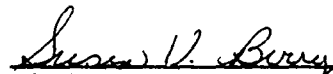
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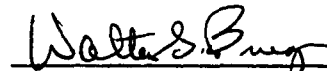
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Information Retrieval
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FOR THE COMMANDER


WALTER S. BURGMANN
Scientific & Technical
Information Officer

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS- 79/071	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Elmendorf AFB, Anchorage, Alaska		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
7. AUTHOR(s)		6. PERFORMING ORG. REPORT NUMBER															
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		8. CONTRACT OR GRANT NUMBER(s)															
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		12. REPORT DATE 17 Sep 79															
		13. NUMBER OF PAGES p.															
		15. SECURITY CLASS. (of this report) UNCLASSIFIED															
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE															
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.																	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperature</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperature	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative humidity	*Climatological data	(over)
*RUSSWO	Daily temperature	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Elmendorf AFB, Anchorage, Alaska It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Alaska

* Anchorage, AFB, Ak

20. and dew-point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurrence tables.

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THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
26401	ELMENDORF AFB ALASKA/ALCHONAGE	N 61 15	W 149 48	212	DF	70272

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARK.	
1.	Elmendorf Alaska	AAF	Mar43	Dec43	N61 12	W149 46	UNK	89	24
2.	SAME	Same	Jan44	May48	N61 14	W149 52	179	192	24
3.	SAME	AFB	Jun48	Mar50	Same	Same	Same	Same	24
4.	SAME	Same	Mar50	Oct53	N61 15	W149 48	212	Same	24
5.	SAME	Same	Apr56	Mar61	Same	Same	Same	258	24
6.	SAME	Same	Mar61	May 76	Same	Same	Same	176	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Mar41	Not Available	Anemometer	UNK	UNK	Wind recorder charts began Mar43
2.	Jun48	Not Available	Selsyn	UNK	UNK	
3.	Mar53	Located on top of Hanger	AN/GMC-1	ML-144	45ft	
4.	Apr56	Located on top of Hanger	Selsyn	ML-144	80ft	
5.	Oct58	SAME	AN/GMC-1	None	Same	
6.	Feb61	Located adjacent and 400ft S of touchdown area of Rnwy 05	AN/GMC-1	RC-2	13ft	
7.	Apr69	SAME	Same	RC 362	Same	

DATE OF CHANGE	EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
Jan/1	Dual Instrumented 1. Located 150ft E of end of Hwy 23, and 500ft E of the Centerline 2. Located 1010ft S of the end of Hwy 05, and 400ft W of the Centerline.	AN/GMG-20	Same	Same	
May 76	Same 1&2	Same 1&2	Same	Same 1&2	

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PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-76

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS. WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	.5	.3	15.2		15.7	11.9	.0	.4	.0	12.4	6992
FEB			1.3	.2	14.6		15.6	6.2	.0	.0		6.2	6273
MAR			1.3	.1	11.8		12.7	2.0	.0	.0		2.1	7208
APR		.0	3.0		7.5		9.9	2.2		.0		2.2	6959
MAY		.0	7.3		.3	.0	7.5	.7	.0			.7	7173
JUN			11.5				11.5	.3	.7			1.0	6948
JUL		.0	14.7				14.7	1.4	.0			1.4	6792
AUG		.0	16.5				16.5	2.6	.3			3.0	7268
SEP		.0	16.1		.3	.0	16.3	3.6	.0			3.6	7061
OCT		.0	10.2	.0	6.6		15.9	5.5				5.5	7279
NOV			3.0	.7	11.3		14.2	8.3		.2		8.5	6940
DEC			1.6	1.0	16.7		18.7	9.5		.2		9.7	7273
TOTALS		.0	7.3	.2	7.0	.0	14.1	4.5	.1	.1	.0	4.7	84166

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN * /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		.1	.1	14.1		14.1	13.3	.1	.3		13.8	884
	03-05		.1	.6	18.4		18.6	13.4		.6		14.0	888
	06-08		.5	.3	16.8		17.4	14.3		.5		14.8	861
	09-11	.1	.7	.1	16.5		17.1	14.9		.2	.2	15.4	863
	12-14		.6		15.9		16.4	9.9		.2		10.1	878
	15-17		.9	.2	12.2		13.0	7.7		.3		8.1	869
	18-20		.9	.3	14.8		15.5	8.3		.6		8.9	867
	21-23		.5	.7	12.9		13.6	13.3		.5		13.7	882
TOTALS		.0	.5	.3	15.2		15.7	11.9	.0	.4	.0	12.4	6992

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-76

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		1.3	.5	15.6		14.9	8.2		.1		8.2	795
	03-05		.5		13.1		13.6	7.9		.1		7.9	795
	06-08		1.3	.6	15.3		17.1	9.4		.1		9.6	785
	09-11		2.0	.1	15.8		17.5	7.5				7.5	790
	12-14		2.0		14.4		16.0	4.1				4.1	789
	15-17		1.7		14.1		14.8	3.5	.1			3.6	779
	18-20		.8		13.2		13.4	4.0				4.0	767
	21-23		1.0	.1	14.9		15.5	4.8				4.8	773
TOTALS			1.3	.2	14.6		13.6	6.2	.0	.0		6.2	6273

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		1.6	.2	12.5		13.5	1.8		.1		1.9	902
	03-05		1.6	.1	12.3		13.6	2.0		.2		2.2	913
	06-08		.9	.4	13.8		14.8	3.7				3.7	899
	09-11		.6	.4	12.1		12.8	2.2	.2			2.2	900
	12-14		1.3		11.1		11.8	1.0	.1			1.0	895
	15-17		1.4		10.6		11.3	1.6				1.6	887
	18-20		1.5		10.4		11.5	2.1				2.1	908
	21-23		1.1		11.5		12.4	1.8				1.8	904
TOTALS			1.3	.1	11.8		12.7	2.0	.0	.0		2.1	7208

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		3.4		8.7		11.2	1.5				1.5	864
	03-05		3.1		7.4		9.9	3.9				3.9	881
	06-08		1.7		8.5		9.9	4.2		.1		4.4	872
	09-11		2.3		7.8		9.7	2.1				2.1	859
	12-14		2.5		6.9		8.9	1.1		.1		1.2	854
	15-17		3.4		6.5		9.0	1.7				1.7	874
	18-20		3.9		6.6		10.0	1.8				1.8	876
	21-23	.1	3.4		7.6		10.6	1.1				1.1	879
TOTALS		.0	3.0		7.5		9.9	2.2		.0		2.2	6959

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-76

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.1	7.7		.4		7.8	.4				.4	900
	03-05		7.5		.4		7.9	1.8	.1			1.8	906
	06-08		6.9		.6		7.3	1.6				1.6	898
	09-11		4.8			.1	4.9	.2	.1			.2	891
	12-14		4.9		.6		5.3	.1				.1	894
	15-17		9.2				9.2	.6				.6	892
	18-20		8.2		.3		8.5	.3				.3	891
	21-23	.1	8.8		.3		9.0	.9				.9	901
TOTALS		.0	7.3		.3	.0	7.5	.7	.0			.7	7173

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L : T)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		12.4				12.4	.7	.9			1.6	872
	03-05		12.2				12.2	.6	.7			1.3	869
	06-08		13.9				13.9	.2	.7			.9	871
	09-11		11.4				11.4	.2	.7			.9	867
	12-14		9.5				9.5		.7			.7	861
	15-17		12.1				12.1		.5			.5	861
	18-20		10.1				10.1	.2	.7			.9	873
	21-23		10.4				10.4	.3	1.0			1.4	874
TOTALS			11.5				11.5	.3	.7			1.0	6948

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02		17.2				17.2	1.3				1.3	856
	03-05		16.1				16.1	1.8				1.8	850
	06-08		16.5				16.5	1.3				1.3	846
	09-11		13.5				13.5	1.1				1.1	843
	12-14		14.3				14.3	1.5	.1			1.7	844
	15-17	.1	11.0				11.0	.8				.8	848
	18-20		14.8				14.8	1.5				1.5	850
	21-23		14.5				14.5	1.8				1.8	855
TOTALS		.0	14.7				14.7	1.4	.0			1.4	6792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
AUG	00-02		19.8				19.8	2.9	.6			3.4	907
	03-05		18.2				18.2	5.7	.3			6.0	911
	06-08		15.5				15.5	5.4	.7			6.1	909
	09-11		15.2				15.2	2.6	.7			3.3	910
	12-14		14.5				14.5	.6	.3			.9	908
	15-17		15.2				15.2	1.0				1.0	906
	18-20	.1	15.6				15.6	1.2				1.2	908
	21-23		17.7				17.7	1.5	.1			1.7	909
TOTALS		.0	16.5				16.5	2.6	.3			3.0	7268

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		16.5		.1		16.6	4.2				4.2	884
	03-05		13.8		.2		14.0	5.7	.2			5.9	880
	06-08		14.7		.3		15.1	6.3				6.3	883
	09-11		13.9		.3		14.0	4.5				4.5	884
	12-14		15.8		.3		16.0	2.1				2.1	877
	15-17		17.5		.3		17.7	1.7				1.7	878
	18-20	.1	17.0		.3	.2	17.4	2.5				2.5	886
	21-23		19.6		.3		19.9	1.5				1.5	889
TOTALS		.0	16.1		.3	.0	16.3	3.6	.0			3.6	7061

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE

06-75

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
UCT	00-02		10.1		7.9		17.2	6.6				6.6	911
	03-05		11.1	.1	7.2		17.1	8.1				8.1	917
	06-08		10.6		6.0		15.4	8.4				8.4	907
	09-11		9.0		5.3		14.3	5.2				5.2	910
	12-14		8.0		5.0		12.3	2.2				2.2	908
	15-17		10.2		6.5		16.2	3.0				3.0	908
	18-20		11.8		7.8		18.6	4.5				4.5	909
	21-23	.1	10.7		6.2		16.4	6.1				6.1	909
TOTALS		.0	10.2	.0	6.6		15.9	5.5				5.5	7279

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		2.5	.5	11.2		13.3	8.4		.2		8.7	865
	03-05		2.9	1.2	11.6		15.1	10.7		.1		10.8	868
	06-08		3.6	.2	10.9		14.0	10.0				10.0	869
	09-11		3.6	.6	11.5		15.0	10.7				10.7	868
	12-14		2.3	1.2	12.5		15.2	6.0		.1		6.1	862
	15-17		3.2	1.0	11.0		14.5	5.0		.3		5.4	873
	18-20		3.5	.5	10.1		12.9	7.0		.2		7.2	869
	21-23		2.2	.5	11.4		13.5	8.7		.3		9.0	866
TOTALS			3.0	.7	11.3		14.2	8.3		.2		8.5	6940

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		1.8	1.1	17.3		20.0	9.6		.5		10.1	910
	03-05		1.3	1.1	18.0		19.7	8.7		.2		8.9	910
	06-08		1.3	1.1	15.4		16.5	8.8		.1		8.9	917
	09-11		1.2	1.0	14.4		16.3	9.6		.2		9.8	907
	12-14		1.3	.4	16.6		18.3	10.3		.1		10.4	905
	15-17		1.4	1.7	16.1		18.7	8.8		.1		8.9	909
	18-20		2.2	.7	17.3		19.1	10.5		.3		10.8	907
	21-23		2.2	1.2	18.0		20.7	9.9		.2		10.1	908
TOTALS			1.6	1.0	16.7		18.7	9.5		.2		9.7	7273

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

49-53, 56-76
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.1	11.0	6.3	53.9		56.6	43.2	3.0	1.7		45.1	774
FEB			10.1	3.5	52.3	.1	55.2	36.4	.8	1.8		37.1	706
MAR			11.5	1.5	41.7		45.8	18.8	1.0	1.0		19.4	775
APR		.3	22.5	.7	34.2	.1	44.4	16.1	.8	.3		16.4	768
MAY		.4	49.4		5.3	.5	50.4	6.1	.2			6.2	806
JUN		.9	56.7			.1	56.7	6.4	.5		.1	7.1	750
JUL		1.3	59.4				59.4	13.2	2.1		.5	14.3	775
AUG		.8	64.0				64.0	18.2	.8			19.0	775
SEP		.5	64.4		2.5	.3	65.2	20.1	.7			20.7	750
OCT		.1	39.6	1.6	30.8	.1	54.2	26.7	.4	.1		26.8	765
NOV			21.1	4.4	49.4		57.9	4.7	2.1	1.1		36.3	720
DEC			13.7	6.7	62.4		65.3	46.0	1.1	2.4		47.6	744
TOTALS		.4	35.3	2.1	27.7	.1	56.3	23.8	1.2	.7	.0	24.7	9108

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2 DATA PROCESSING BRANCH
USAF ETAG
AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

26401 ELMLANDORF AFB ALASKA/ANCHORAGE 61-53, 50-76
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	41.1	30.6	4.4	8.6	5.5	7.1	1.7	.9	.2					29.3	961	1.01	2.00	.03
FEB	45.0	28.0	3.4	9.5	5.3	5.7	2.4	.7						27.0	875	.83	1.74	TRACE
MAR	51.8	23.5	4.7	7.4	5.0	5.3	1.8	.3	.2					24.7	989	.86	2.70	.13
APR	57.8	23.6	3.0	5.7	3.4	4.8	1.3	.4						18.6	976	.60	2.96	TRACE
MAY	47.7	34.5	3.2	5.5	4.0	3.2	1.7	.1		.1				17.8	1021	.62	3.51	TRACE
JUN	43.5	29.3	3.2	6.6	5.2	6.2	2.7	1.1	.1					27.2	972	1.02	3.72	.00
JUL	39.7	23.1	3.9	6.9	6.5	9.1	6.1	2.7	.5					27.2	968	2.02	4.94	.00
AUG	35.6	20.2	4.2	12.4	3.2	10.2	6.4	2.6	.2					44.3	967	2.15	5.03	.00
SEP	34.5	20.6	4.3	11.5	8.7	11.4	3.1	3.1	.9					44.9	933	2.36	6.25	.00
OCT	43.5	21.8	5.2	8.6	6.7	7.6	4.8	1.8	.1					34.7	945	1.56	3.39	.20
NOV	42.0	31.4	3.1	8.2	4.6	6.7	2.7	1.1	.2					26.6	900	1.12	2.93	.05
DEC	35.6	32.0	4.2	9.8	5.5	7.6	4.1	1.1	.1					32.4	961	1.33	3.03	.14
ANNUAL	43.1	26.5	3.9	8.7	5.7	7.1	3.4	1.3	.2	.0				30.3	11462	15.48		

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 41-53, 56-76 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41			*.18*	.48	.20	.80	.41	.11	.30*	.59	1.10	.30	
42	.10	.26	.15	.25	.05	.20							
43						*.00*	.00*	.00*	.00			1.04	
44	.77*	.31	.18	.11*	.19	.14	.51	.76	.77*	.40	.20	.47	.77
45	.13	.63	1.90	.24	.42	.33	.49	.84	.56	.35	.41	.13	1.90
46	.29	.66	.30	.60	3.21	.15	1.18	.42	.35	.47	.52	.60	3.21
47	.23	.45	.07	.01	.08	.08	.53	.77	1.34	.36	.22	.42	1.34
48	.15	.24	.27	.01	TRACE	.14	.72	.45	1.00	.77	.50	.32	1.00
49	.32	.36	.48	.26	.19	.67	.30	.42	.53	.50	.38	.68	.68
50	1.12	TRACE	.50	.08	TRACE	.77	.39	.21	.25	.17	.05	.60	1.12
51	.15	.27	.40	.15	TRACE	.47	.64	.73	1.52	.43	.06	.58	1.52
52	.54	.14	.40	.35	.03	.06	.44	.58	.67	1.09	.50	.45	1.09
53	.15	.38	.29	.16	.41	.15	.78	.85	.52*	.29			
56			*TRACE	.15	.23	1.60	.61	.47	.95	.67	.64		
57	.68	.46	.16	.02	.01	.21	.85	.70	.41	.54	.28	.85	
58	.57	.15	.17	.07	.27	.77	1.42	.63	.22	.81	.84	.52	1.42
59	.21	.63	1.26	.41	.20	.29	.64	.88	.49	.37	.35	.61	1.26
60	.38	.26	.45	.22	.24	.10	.47	1.56	1.22	.10	.50	.47	1.56
61	.83	.30	.31	.54	.35	.28	.53	.58	1.47	.61	.78	.39	1.47
62	.69	.85	.51	.25	.40	1.31	.12	.78	.54	.35	.12	.24	1.31
63	.71	.85	.25	.83	.30	.30	.71	.68	.19	.18	.24	.31	.85
64	.20	.19	.45	.14	.41	.51	.44	.43	.24	.76	1.58	.52	1.58
65	1.16	.52	.45	.11	.30	.54	.70	.60	.71	.61	.36	.75	1.16
66	.20	.28	.16	.16	.07	.11	.08	.58	.93	.52	.23	.14	.93
67	.34	.26	.25	.10	.50	.30	.49	.60	1.08	.51	.66	.34	1.08
68	.23	.47	.67	.32	.44	.22	.66	.23	.34	.52	.25	.10	.66
69	.41	.29	.15	.23	.72	.33	1.61	.18	.09	.41	.07	.20	1.61
70	.32	.12	.32	.15	.33	.31	.40	.33	.25	.25	.30	.36	.40
71	.21	.41	.46	.12	.17	.12	1.01	1.10	.55	.52	.20	.27	1.10
72	.15	.34	.23	.17	.36	.33	.35	.66	.73	.62	.29	.38	.73
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OII)
JUL 64

(FROM DAILY OBSERVATIONS)

24 HOUR AMOUNTS IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 41-53, 56-76

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41			*.42*	1.12	.57	3.72	1.91	.27	1.00*	1.41	2.48	.53	
42	.31	.75	.27	.56	.09	.35							
43						*.00*	.00*	.00*	.00			2.51	
44	2.07*	.61	.54	.17*	.34	.77	2.24	3.56	2.61*	1.07	.29	1.47	*15.74
45	.27	1.36	2.70	.47	.98	1.12	1.61	4.17	2.56	1.98	1.14	.14	18.50
46	.98	1.74	.82	1.01	3.51	.19	1.79	1.81	1.26	1.40	1.39	1.56	17.46
47	.75	.48	.43	.01	.25	.15	1.21	1.88	4.58	.81	1.31	1.18	13.04
48	1.01	.45	1.00	.01	TRACE	.36	3.68	2.00	2.64	2.26	1.47	.83	15.71
49	2.27	.89	.96	.88	.45	2.75	1.59	1.74	2.53	1.64	.91	2.48	19.09
50	1.77	TRACE	.60	.09	TRACE	1.63	1.37	.88	.97	.22	.05	2.41	9.99
51	.50	.85	.50	.39	TRACE	2.25	2.27	2.46	4.98	.85	.22	1.43	16.70
52	1.52	.45	1.16	.68	.03	.09	2.32	2.64	2.30	3.39	1.23	1.27	17.08
53	.26	.90	.72	.22	.83	.43	1.67	5.03	2.10*	.76			
56			*TRACE	.55	.41	2.68	1.54	1.57	2.52	2.93	1.20		
57	2.19	1.61	.51	.03	.02	.66	2.75	2.41	3.38	1.23	2.12	.98	17.89
58	1.24	.17	.49	.23	1.05	2.17	4.94	2.18	1.04	2.19	2.38	.98	19.06
59	.43	1.14	2.57	1.60	.46	.46	3.88	3.18	1.46	1.53	1.35	3.03	21.09
60	1.85	.57	.63	.30	.46	.35	2.37	2.99	4.01	.20	1.04	1.10	16.87
61	1.41	.87	.78	1.65	.55	1.49	1.94	1.69	6.25	2.83	1.90	2.01	23.37
62	1.64	.98	1.62	.58	1.47	3.12	.35	2.94	1.49	1.10	.34	.71	16.43
63	2.60	1.73	1.29	2.96	.45	1.11	2.22	3.31	.92	.80	.26	1.01	18.66
64	.52	.69	1.89	.69	.94	1.89	1.23	2.08	.80	2.73	2.79	1.64	17.89
65	1.43	1.09	1.09	.17	.78	1.11	2.04	1.67	4.24	1.60	.85	1.74	17.89
66	.41	.97	.45	.52	.44	.58	.54	2.60	2.40	1.19	.83	.58	11.51
67	1.27	.97	.71	.39	.98	1.39	2.01	3.10	3.73	.87	1.48	1.79	18.69
68	.60	1.37	.13	.60	2.00	.45	1.42	.57	1.13	1.48	.62	.38	10.75
69	.56	.82	.25	.23	.94	.43	3.58	.41	.15	.83	.20	.65	9.05
70	.79	.40	.60	.42	.41	.78	1.81	1.84	.62	1.18	.72	1.08	10.65
71	.49	1.43	.98	.37	.36	.56	3.78	3.01	2.46	2.64	.68	1.38	18.14
72	.54	.38	.48	.41	.77	.72	.94	1.46	4.22	3.05	.81	.74	14.52
MEAN													
S D.													
TOTAL OBS													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)
JUL 64

XXXXXXXXXXXXXXXXXXXX
 EXTREME VALUES
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

26401	ELMENDORF AFB ALASKA/ANCHORAGE	41-53, 56-76
STATION	STATION NAME	

TOTAL MONTHLY PRECIPITATION IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

26461 ELMEENDORF AFB ALASKA/ANCHORAGE 46-53, 50-76
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	25-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	65-104	105-154	155-254	255-504	OVER 504						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	44.7	27.9	10.4	9.1	4.0	2.0	.7	.7	.3	.2				27.4	868	10.0	29.4	.6	
FEB	48.5	25.2	10.6	7.2	3.0	1.3	1.1	1.6	.5					26.2	791	10.4	26.3	TRACE	
MAR	56.7	21.8	7.8	5.6	4.2	1.6	.5	1.2	.3	.2				21.5	868	10.1	33.8	.1	
APR	67.6	18.7	5.0	4.8	1.9	.9	.6	.2	.2					13.7	856	4.9	29.6	TRACE	
MAY	92.0	4.0	.4	.2	.1	.1								1.0	899	.3	3.0	.0	
JUN	100.0														840	.0	.0	.0	
JUL	100.0														868	.0	.0	.0	
AUG	100.0														868	.0	.0	.0	
SEP	97.4	1.7	.4	.4	.2									1.0	840	.2	1.8	.0	
OCT	69.6	16.7	4.7	3.8	2.6	1.0	.5	.8	.3					13.8	858	5.5	23.0	TRACE	
NOV	51.1	27.8	6.8	5.4	2.9	2.0	1.1	1.2	.6	.1				21.2	807	10.7	39.6	.6	
DEC	38.2	30.4	12.0	8.6	4.0	2.2	2.1	2.0	.5					31.4	806	14.4	45.9	2.4	
ANNUAL	72.4	14.5	4.8	3.8	2.0	.9	.5	.6	.2	.0				13.1	10169	60.1			

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

26401 ELHENDORF AFB ALASKA/ANCHORAGE 46-53, 56-76

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	5.1	10.3	3.1	6.0	.0	.0	.0	.0	.0	.8	4.5	5.6	10.3
47	3.4	4.5	1.5	TRACE	.4	.0	.0	.0	1.8	1.6	3.7	4.3	4.5
48	1.7	2.4	2.7	TRACE	.0	.0	.0	.0	TRACE	6.5	4.4	3.8	6.5
49	4.9	3.6	5.7	4.1	1.0	.0	.0	.0	.0	3.9	3.8	6.0	6.0
50	11.2	TRACE	5.0	.8	.0	.0	.0	.0	TRACE	TRACE	1.2	5.0	11.2
51	1.6	1.9	3.8	TRACE	.0	.0	.0	.0	.0	1.0	.5	2.8	3.8
52	5.7	.9	4.0	3.5	TRACE	.0	.0	.0	.0	5.8	5.0	4.5	5.8
53	2.0	3.8	2.9	1.6	TRACE	.0	.0	.0	.0	TRACE			
56				TRACE	TRACE	.0	.0	.0	.4	7.9	14.6	4.2	
57	1.7	5.2	1.9	.3	.0	.0	.0	.0	TRACE	1.4	5.1	2.9	5.2
58	5.9	1.8	1.9	.7	.0	.0	.0	.0	TRACE	2.1	8.2	5.5	8.2
59	2.1	6.5	13.4	4.1	TRACE	.0	.0	.0	.0	2.5	3.5	6.1	13.4
60	3.8	2.8	4.5	2.2	.0	.0	.0	.0	TRACE	.1	5.0	4.4	5.0
61	1.6	3.3	3.1	5.4	.0	.0	.0	.0	1.8	5.5	7.8	3.9	7.8
62	6.9	.9	5.1	1.6	.0	.0	.0	.0	.0	2.0	1.1	2.4	6.9
63	7.1	8.5	2.5	10.0	2.8	.0	.0	.0	.0	1.5	2.4	3.1	10.0
64	3.3	6.0	5.0	1.7	TRACE	.0	.0	.0	.0	9.1	9.6	6.8	9.6
65	11.6	5.4	2.2	.4	2.0	.0	.0	.0	1.2	5.2	2.9		
66	2.9	2.3	1.5	1.6	TRACE	.0	.0	.0	.0	.7	3.0	1.9	3.0
67	4.9	3.5	2.0	.3	.0	.0	.0	.0	.0	6.0	3.4	7.2	7.2
68	2.7	7.9	1.6	1.5	.0	.0	.0	.0	.8	4.9	.5	2.0	7.9
69	.3	5.6	.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	.7	2.4	5.6
70	5.0	1.9	2.4	2.6	TRACE	.0	.0	.0	TRACE	2.1	2.5	5.1	5.1
71	.8	5.9	4.9	1.7	TRACE	.0	.0	.0	.0	2.4	2.4	4.0	5.9
72	3.2	4.7	6.0	3.0	TRACE	.0	.0	.0	.6	1.0	5.5	4.6	6.0
73	9.3	.7	9.6	1.3	TRACE	.0	.0	.0	.0	2.9	5.7	3.9	9.6
74	.6	4.5	5.1	1.1	.0	.0	.0	.0	.0	3.5	4.7	7.9	7.9
75	1.3	4.8	2.2	3.3	.3	.0	.0	.0	.0	.3	1.9	5.2	5.2
76	3.1	1.4	12.2	2.1	.0								
MEAN	4.06	3.96	4.14	2.10	.22	.00	.00	.00	.24	2.88	4.21	4.48	7.10
S.D.	3.004	2.516	3.109	2.229	.645	.000	.000	.000	.528	2.557	3.102	1.614	2.491
TOTAL OBS.	868	791	868	856	899	840	868	868	840	858	807	806	10169

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLI)
JUL 64

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 46-53, 56-76

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	17.0	26.3	8.8	10.8	.0	.0	.0	.0	.0	.9	16.3	16.3	96.4
47	9.6	4.8	5.1	TRACE	.4	.0	.0	.0	1.8	2.9	13.8	9.8	48.2
48	9.1	4.4	10.5	TRACE	.0	.0	.0	.0	TRACE	8.5	12.0	12.0	56.5
49	29.4	9.7	9.1	12.5	1.9	.0	.0	.0	.0	7.0	8.1	22.6	100.3
50	17.2	TRACE	6.0	.8	.0	.0	.0	.0	TRACE	TRACE	1.2	24.5	49.7
51	5.7	7.7	4.5	TRACE	.0	.0	.0	.0	.0	1.2	.6	9.7	29.7
52	13.9	1.6	11.6	6.4	TRACE	.0	.0	.0	.0	11.4	11.6	9.0	65.5
53	2.8	6.6	4.5	2.2	TRACE	.0	.0	.0	.0	TRACE			
56				TRACE	TRACE	.0	.0	.0	.6	18.5	39.6	8.5	
57	13.1	20.3	6.0	.3	.0	.0	.0	.0	TRACE	1.7	8.9	9.7	60.0
58	12.2	1.9	3.8	1.1	.0	.0	.0	.0	TRACE	5.9	23.5	10.5	58.9
59	4.3	11.6	26.6	8.6	TRACE	.0	.0	.0	.0	7.0	14.7	31.9	104.7
60	16.6	5.8	6.3	2.6	.0	.0	.0	.0	TRACE	.2	10.2	6.2	47.9
61	2.6	9.4	7.8	8.1	.0	.0	.0	.0	1.8	23.0	18.6	15.0	86.3
62	15.9	1.1	16.2	2.6	.0	.0	.0	.0	.0	2.0	2.8	4.4	45.0
63	13.5	17.1	9.5	29.6	2.8	.0	.0	.0	.0	1.6	2.6	5.9	82.6
64	6.6	13.7	18.2	5.0	TRACE	.0	.0	.0	.0	15.0	21.0	20.7	100.2
65	12.9	11.5	2.7	.6	3.0	.0	.0	.0	1.3	18.7	4.3		
66	5.6	8.6	4.6	3.3	TRACE	.0	.0	.0	.0	1.8	14.2	8.1	46.2
67	19.9	13.9	6.5	.7	.0	.0	.0	.0	.0	8.3	3.6	23.3	76.2
68	7.8	25.2	3.1	6.3	.0	.0	.0	.0	.8	12.9	1.2	2.4	59.7
69	.6	13.2	.1	TRACE	TRACE	.0	.0	.0	.0	TRACE	1.8	7.7	23.4
70	15.3	5.1	2.4	6.0	TRACE	.0	.0	.0	TRACE	3.4	3.6	12.8	48.6
71	1.7	18.8	13.4	5.6	TRACE	.0	.0	.0	.0	11.9	9.1	16.9	77.4
72	10.0	7.0	19.2	10.1	TRACE	.0	.0	.0	.6	3.8	16.8	8.8	76.3
73	18.7	.7	22.7	1.5	TRACE	.0	.0	.0	.0	7.7	12.9	9.9	74.1
74	.9	19.5	9.7	3.1	.0	.0	.0	.0	.0	7.1	12.5	45.9	98.7
75	3.7	21.1	8.9	11.0	.4	.0	.0	.0	.0	.3	2.4	21.2	69.0
76	11.5	3.8	33.8	4.4	.0								
MEAN	10.65	10.37	10.06	4.94	.29	.00	.00	.00	.25	6.54	10.66	14.37	67.26
S.D.	6.865	7.584	7.896	6.097	.808	.000	.000	.000	.538	6.446	8.766	9.624	22.634
TOTAL OBS.	868	791	868	856	899	840	868	868	840	858	807	806	10169

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88 5 (OII)

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

26401 ELMHORRE AFB ALASKA/ANCHORAGE 41-53, 54-76

STATION

STATION NAME

YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	PRECIP	NONE	TRACE	.01	.02-.05	.06-10	.11-25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	0.51-4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	1.4	4.1	1.2	4.5	4.9	15.1	29.2	37.1	2.5						44.6	961			
FEB		3.2	1.0	3.3	2.6	13.6	33.4	36.6	4.6	1.6					44.8	874			
MAR	4.2	4.5	4.3	7.1	7.3	16.2	29.0	25.9	2.8	.7	.1				91.3	933			
APR	49.1	15.8	7.1	5.1	4.0	5.6	9.9	4.1							35.1	914			
MAY	97.5	1.6	.1	.4		.1	.4								1.0	1022			
JUN	100.0															990			
JUL	100.0															992			
AUG	100.0															992			
SEP	100.0															960			
OCT	73.0	8.1	4.1	3.9	3.5	5.5	1.8								12.8	946			
NOV	22.0	13.1	11.2	13.0	7.7	16.0	14.2	2.8							64.9	900			
DEC	2.7	10.9	3.4	11.2	5.9	15.9	32.6	17.3							81.4	901			
ANNUAL	54.0	5.1	2.7	4.0	3.0	7.3	12.5	10.3	.8	.2	.0				40.9	11555			

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

26401 ELHENDRE AFB ALASKA/ANCHORAGE

41-53, 56-76

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
41			*	5*	1	0	0	0	0	5	7	3	
42	TRACE	4	8	3	0	0							
43						0	0	0	0			9	
44	22*	19	11	3*	0	0	0	0	0	TRACE	4	14	22
45	4	9	9	3	9	0	0	0	0	2	6	6	9
46	11	41	18	16	0	0	0	0	0	TRACE	7	16	41
47	25	28	12	2	0	0	0	0	0	1	4	6	28
48	14	9	9	9	0	0	0	0	0	7	8	8	14
49	30	41	34	12	2	0	0	0	0	3	7	18	41
50	30	15	9	3	0	0	0	0	0	0	1	18	30
51	20	15	13	2	0	0	0	0	0	TRACE	1	10	20
52	23	9	17	4	0	0	0	0	0	7	6	9	23
53	8	11	5	2	0	0	0	0	0	0			
56			*	1	0	0	0	0	0	8	19	16	
57	16	20	50	1	0	0	0	0	0	1	5	5	50
58	14	9	6	1	0	0	0	0	0	1	16	19	19
59	20	13	41	12	0	0	0	0	0	4	7	16	41
60	14	18	16	8	0	0	0	0	0	0	7	8	18
61	5	4	7	4	0	0	0	0	0	8	15	14	15
62	18	19	22	8	0	0	0	0	0	TRACE	3	4	22
63	10	15	10	14	0	0	0	0	0	2	4	5	15
64	6	12	13	12	0	0	0	0	0	10	15	21	21
65	23	21	19	0	2	0	0	0	0	10	12	22	23
66	20	21	19	9	0	0	0	0	0	0	8	9	21
67	18	17	15	5	0	0	0	0	0	8	5	12	18
68	8	17	5	7	0	0	0	0	0	4	10	14	17
69	15	20	15	4	0	0	0	0	0	TRACE	1	4	20
70	13	13	5	3	0	0	0	0	0	2	3	7	13
71	5	11	18	9	TRACE	0	0	0	0	7	10	15	18
72	17	20	20	19	TRACE	0	0	0	0	TRACE	10	11	20
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 54 0-88-5 (OU)

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 41-53, 56-76

STATION

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES

[illegible]

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM 0-88-5 (OU)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/HAC

EXTREME VALUES SURFACE WINDS

(FROM DAILY OBSERVATIONS)

26401 ELNENDORF AFB ALASKA/ANCHORAGE 43-53, 56-76

STATION

STATION NAME

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43													
44													
45													
46	NE *23									*48			
47		SE *36											
48													
49	S *23	E 26NW	10ESE 23W	36W	*17NNW	24E	24E	62E	41NW	*30			
50	NW 37NNW	61ESE 38SE	40ESE 30SE	28S	26NNW	16SSE	40NNW	*17N	81S	26	N	81	
51	NNW 54SE	52NNW 42E	35E 31W	26S	29S	30			NW 47S	34			
52	N 50	NNW 41NW	30NNE 35SE	36SE	28SE	30NW	28ENE	43ENE	39NE	38			
53	ENE 66ESE	52SSE	42NNE 30SSE	24NNW	31W	18SSE	38N	34NE	*42				
56			E *42E	43SE	27WSW	20SSW	18S	42SSE	25SE	59N	17		
57	SSE 57W	45E	28ESE 30E	43SSE	28NW	30NW	29ESE	38NNE	37W	35NNW	37	SSE 57	
58	W 36NNW	61SSE	47SE	28SSE	49SSE	35NNW	33SSE	*37					
59													
60													
61		NNW*22N	28N	34ESE	23SSE	24SE	27S	26S	28S	33SE	32NNW	30	
62	SSE 31SSW	23NW	78NE	29WSW	24SW	26ENE	30SSW	30S	24W	23E	35NE	39	NE 39
63	N 19NE	49NE	44NNE	38SSE	36SSE	*25NNW	*20S	34NNE	*12N	*12	N *20		
64	N *31S	*33						SSW*34S	*22SSW	40S	39ENE	48	
65	N 35S	31S	37NNW	40ESE	28S	29N	28S	22SSE	32N	27N	*10N	*33	NNW 40
66	N 35SSW	48NE	34SSE	18SSW	28SW	25W	25W	24NE	34N	43N	28NNE	44	SSW 48
67	NNE 60NNE	30SSW	39N	40S	25S	28SSW	34SW	27E	33NNE	28S	47E	64	E 64
68	NE 53SE	34N	25SSW	33S	22SW	2423/ 20	7/ 2031/ 2521/ 3936/ 3121/ 40						NE 53
69	13/ 4011*	4219*	3315/ 25	7/ 2817/ 2516/ 2321/ 3220/ 2036/ 5921/ 3411/ 43									36/ 59
70	36/ 3536/ 4811/ 4036/ 3610/ 3321/ 2717/ 2620/ 3632/ 2622/ 4536/ 4019/ 48												36/ 48
71	36/ 6212/ 3110/ 3611/ 2912/ 5410/ 2920/ 2221/ 2121/ 3318/ 2833/ 24												36/ 62
72	36/ 35	4/ 41	1/ 23	5/ 3019/ 2614/ 2622/ 2318/ 2222/ 4016/ 3320/ 25									4/ 41
73	17/ 41	8/ 3722/ 3522/ 2714/ 3023/ 2320/ 2318/ 22											17/ 41
74	4/ 44	2/ 1821/ 3516/ 2232/ 3122/ 2825/ 2125*											20/ 47
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON < FULL MONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-88-5 (OLI)

(FROM DAILY OBSERVATIONS)

CONCLUSION

STATION NAME

YEARS

[illegible]

NOTES * (BASED ON 6 FULL MONTHS)

\$ (BASED ON < FULL MONTHS AND +100 KNOTS)

USAF ETAC FORM 0-8B.5 (CLI)
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELKHENDORF AFB ALASKA/ANCHORAGE 66-76
STATION STATION NAME YEARS
ALL WEATHER
CLASS
ALL
MONTH
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	4.7	3.7	1.3	.2	.0	.0					12.5	6.5
NNE	3.8	4.6	2.4	.5	.1	.1	.0	.0				11.5	5.4
NE	4.2	3.5	.7	.1	.1	.0	.0	.0				8.7	4.2
ENE	4.1	3.4	.4	.0	.0		.0					7.9	3.6
E	2.0	1.4	.2	.1	.0	.0		.0				3.8	3.8
ESE	.5	.3	.1	.0	.0	.0						1.0	4.1
SE	.3	.1	.1	.0	.0	.0						.6	4.8
SSE	.4	.2	.2	.1	.0	.0	.0					1.0	5.8
S	.7	1.0	.8	.3	.1	.0	.0					3.0	6.5
SSW	.7	1.3	1.3	.6	.1	.0						4.1	7.5
SW	.5	.8	.7	.2	.0	.0						2.2	6.4
WSW	.7	1.2	.7	.1	.0							2.9	5.6
W	1.6	3.6	3.0	.5	.0	.0						8.7	6.1
WNW	.8	1.0	.5	.1	.0							2.4	4.9
NW	.6	.6	.3	.1	.0	.0						1.6	4.8
NNW	1.0	1.5	1.0	.2	.0	.0						3.7	5.7
VARBL													
CALM												24.5	
	24.7	29.3	16.0	4.4	.7	.2	.1	.0				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 83949

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.8	2.8	2.1	.9	.1						10.2	8.6
NNE	4.2	5.1	2.3	1.0	.4	.3	.1	.1				13.9	6.5
NE	7.1	6.4	.9	.2	.2	.5	.5	.0				15.9	5.5
ENE	8.2	7.9	.8	.1			.0					17.1	3.8
E	3.9	3.6	.5	.0								8.1	3.6
ESE	.8	.5	.0			.0						1.3	3.7
SE	.2	.1	.0			.0						.3	3.9
SSE	.2	.2	.1	.0			.0					.6	5.6
S	.4	.5	.6	.2	.1	.0	.0					1.8	7.6
SSW	.2	.3	.7	.5	.1							1.7	9.1
SW	.1	.1	.1	.1	.0							.4	7.7
WSW	.1	.1	.1	.1	.0							.5	6.3
W	.1	.2	.0									.4	4.4
WNW	.1	.1	.1	.0								.3	5.0
NW	.2	.1	.0	.0								.4	4.5
NNW	.2	.5	.4	.2	.0							1.4	6.8
VARBL													
CALM												25.6	
	27.7	28.6	10.0	4.6	1.6	.9	.7	.1				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.3	5.0	2.4	.2	.0						14.2	7.4
NNE	5.0	6.8	4.9	1.3	.3	.1						18.4	6.0
NE	6.0	4.8	1.2	.4	.1	.0	.0					12.5	4.2
ENE	6.6	4.8	.4	.0								11.9	3.4
E	2.9	1.8	.2	.0	.1							5.1	3.7
ESE	.6	.2		.0		.0						.9	3.7
SE	.2	.1	.2	.0	.0							.6	6.8
SSE	.3	.1	.1	.1	.0							.6	5.8
S	.6	.7	.7	.2	.0							2.2	6.5
SSW	.8	.9	.8	.4	.1							3.0	6.6
SW	.4	.5	.3	.1								1.2	5.3
WSW	.3	.4	.2	.1	.0							.9	5.6
W	.4	.5	.3	.0								1.2	4.8
WNW	.3	.3	.1	.0								.8	4.5
NW	.2	.3	.2	.1								.8	6.0
NNW	.5	1.0	1.3	.4	.0							3.3	7.1
VARBL													
CALM												22.7	
	27.4	27.5	15.7	5.6	.9	.2	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6267

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	6.0	6.1	2.1	.2	.0						17.4	6.9
NNE	4.7	7.0	3.6	.6	.1	.0						16.1	5.3
NE	4.1	2.7	.7	.2	.1	.0						7.7	4.0
ENE	3.9	3.0	.2	.1								7.2	3.4
E	1.6	.8	.1	.1	.0							2.6	3.6
ESE	.4	.1	.0	.0								.5	3.6
SE	.2	.1	.0	.0	.0	.0						.3	6.0
SSE	.4	.1	.1	.1								.6	4.9
S	.6	.5	.7	.4	.1	.0						2.3	7.3
SSW	.5	1.1	1.0	.7	.7	.1						4.2	10.0
SW	.4	.6	.3	.2	.1	.0						1.6	7.3
WSW	.9	.7	.2	.0								1.9	4.1
W	1.5	2.4	.6	.0								4.4	4.5
WNW	.6	.5	.2	.0								1.2	4.3
NW	.4	.3	.3	.1	.0							1.2	5.7
NNW	.9	1.3	.9	.4	.0	.0						3.6	6.4
VARBL													
CALM												27.2	
	23.8	27.1	15.1	5.2	1.3	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7204

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

APR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	6.6	5.5	1.2	.1	.0						16.7	6.2
NNE	3.3	3.8	2.2	.2	.0	.0						9.5	4.9
NE	2.4	1.7	.5	.1	.0							4.7	3.9
ENE	1.9	.9	.3									3.1	3.5
E	.9	.3	.2	.0				.0				1.5	4.2
ESE	.3	.1	.1	.0	.0							.5	5.0
SE	.3	.1	.1	.1								.5	5.3
SSE	.4	.3	.3	.2								1.1	6.1
S	.7	.7	1.0	.5								2.9	6.7
SSW	1.1	1.6	1.4	.4	.1							4.5	6.3
SW	.8	.7	.5	.3	.0							2.3	5.8
WSW	.9	1.5	.8	.2								3.4	5.3
W	2.8	5.3	3.2	.3		.0						11.7	5.5
WNW	.9	1.5	.5	.0	.0							3.0	4.8
NW	.8	.8	.5	.1	.1	.0						2.3	5.3
NNW	1.5	2.2	1.3	.2	.1							5.3	5.6
VARBL													
CALM												27.1	
	22.3	28.2	18.3	3.7	.4	.1		.0				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

6952

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

DAY

NORTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	4.4	2.7	.4								9.6	5.6
NNE	1.7	2.3	1.0	.1								5.2	4.9
NE	1.5	1.2	.4	.1								3.2	4.2
ENE	1.6	.9	.3	.1								2.9	4.0
E	.8	.6	.4	.1	.0							2.0	5.3
ESE	.4	.3	.2	.1	.0							1.0	6.1
SE	.4	.3	.2	.1	.0							1.0	5.5
SSE	.5	.4	.4	.4	.0							1.7	7.2
S	.9	1.3	1.5	.4	.1							4.1	6.7
SSW	.9	1.9	2.0	.7	.1							5.6	7.0
SW	.9	1.3	1.6	.3	.1							4.2	6.6
WSW	1.6	2.9	2.1	.4	.0							7.2	5.9
W	2.5	6.8	8.2	2.2	.0							15.7	6.9
WNW	1.2	2.2	1.3	.1	.0							4.8	5.4
NW	.9	1.3	.5	.1								2.8	5.0
NNW	1.4	2.3	1.3	.1								5.1	5.2
VARBL													
CALM												19.9	
	19.3	30.4	24.1	5.8	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

7169

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JUN
MONTH
ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.4	1.7	.1	.0							8.8	4.8
NNE	2.2	2.3	.6	.1								5.1	4.1
NE	1.8	1.2	.2									3.3	3.6
ENE	1.5	1.0	.1									2.5	3.4
E	.8	.7	.1	.1	.0							1.6	4.2
ESE	.5	.5	.3	.1	.0							1.4	5.4
SE	.4	.3	.2	.2								1.1	5.8
SSF	.6	.3	.3	.1								1.4	5.5
S	1.0	1.5	1.2	.6	.0	.0						4.4	6.6
SSW	1.4	2.6	2.1	.8	.1							7.1	6.6
SW	.9	1.6	1.7	.7	.0							5.0	6.9
WSW	1.2	2.5	1.6	.4	.1							5.8	6.1
W	3.3	9.1	9.5	1.6	.1							23.6	6.5
WNW	1.6	2.4	1.6	.1								5.7	5.3
NW	.8	1.0	.3									2.1	4.4
NNW	1.3	1.8	.8	.1								3.9	4.9
VARBL													
CALM												17.3	
	21.9	33.2	22.3	5.1	.3	.0						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 6942

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	4.0	1.2	.0								8.0	4.5
NNE	2.1	2.0	.4									4.5	3.9
NE	2.1	1.4	.2									3.7	3.5
ENE	1.2	.8	.0									2.1	3.3
E	1.0	.5	.1	.0								1.7	3.4
ESE	.4	.3	.1									.8	3.6
SE	.4	.2	.0	.0								.6	3.8
SSE	.7	.4	.2	.1								1.4	4.5
S	1.2	1.6	.5	.2								3.5	4.9
SSW	1.3	2.5	2.0	.5	.0							6.3	6.2
SW	.9	1.9	1.2	.6	.0							4.7	6.5
WSW	1.3	2.9	2.2	.3								6.7	5.9
W	3.4	9.3	8.8	1.2	.0							22.6	6.3
WNW	1.7	2.5	.8	.1	.0							5.1	4.7
NW	1.2	.9	.5	.0								2.6	4.4
NNW	1.7	2.0	.9	.0								4.7	4.6
VARBL													
CALM												21.0	
	23.3	33.3	19.2	3.2	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6773

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

ALG
MONTH

ALL WEATHER
CLASS

ALL
MOVES (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	5.5	3.1	.3	.0							12.3	5.1
NNE	3.6	3.5	1.1	.2	.0							8.5	4.3
NE	2.5	2.0	.2									4.7	3.5
ENE	2.3	1.3	.2	.0								3.8	3.3
E	.9	.6	.1		.0							1.6	3.6
ESE	.5	.3	.1	.0								.9	3.5
SE	.2	.2	.0	.0								.5	4.3
SSE	.5	.3	.2	.0								1.1	4.8
S	1.0	1.3	1.1	.3	.0	.0						3.8	6.0
SSW	.8	1.3	1.3	.6	.1							4.0	7.0
SW	.7	.9	.9	.1								2.6	5.6
WSW	1.0	2.0	1.0	.1								4.1	5.2
W	2.3	6.2	3.6	.3								12.4	5.5
WNW	1.4	1.7	.6	.0								3.7	4.4
NW	1.2	1.1	.3									2.6	4.1
NNW	1.7	2.5	1.4	.1								5.7	5.1
VARBL													
CALM												27.6	
	24.0	30.9	15.1	2.1	.2	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

7240

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS SEP MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLAS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.0	6.0	4.0	.9	.2							15.0	5.7
NNE	4.3	3.9	1.4	.4	.1							10.1	4.6
NE	4.8	3.0	.6	.1	.0							8.6	3.8
ENE	3.1	2.2	.3	.0								5.6	3.5
E	1.4	.7	.1	.1	.0	.0						2.3	3.8
ESE	.4	.2	.1	.0								.7	3.8
SE	.2	.1	.1		.0							.4	4.1
SSE	.4	.2	.1	.0	.0							.8	4.5
S	.7	1.2	.7	.2	.1							2.9	5.9
SSW	.5	1.1	1.0	.3	.1	.0						2.9	7.0
SW	.6	.9	.5	.1								2.1	5.4
WSW	.9	1.0	.4	.1								2.4	4.7
W	1.8	2.8	1.1	.0								5.7	4.7
WNW	.9	.8	.2	.0								1.9	4.1
NW	1.0	.8	.2	.1								2.0	4.1
NNW	1.3	2.2	1.4	.2	.0							5.1	5.4
VARBL													
CALM												31.4	
	26.4	27.0	12.1	2.6	.5	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 7056

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26491
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	6.5	6.2	2.8	.2	.1	.0					18.9	7.1
NNE	4.8	5.8	3.2	.6	.0							14.5	5.2
NE	4.8	4.2	.9	.1	.1	.0						10.2	4.2
ENE	4.1	2.9	.3	.1	.0							7.3	3.5
E	2.2	1.1	.2	.1	.0							3.5	3.4
ESE	.5	.3	.0	.0	.0							.9	3.8
SE	.4	.1	.0	.0	.0							.6	3.9
SSE	.4	.2	.2	.1	.1	.0						1.0	7.1
S	.7	.9	1.1	.5	.1							3.3	7.0
SSW	.6	.8	1.3	1.2	.2	.0						4.1	9.0
SW	.3	.4	.3	.2								1.2	6.6
WSW	.2	.3	.2	.1								.7	6.2
W	.5	.6	.3	.1	.0							1.4	5.1
WNW	.3	.2	.2	.1								.9	5.8
NW	.2	.2	.3	.2								.9	6.6
NNW	.8	1.2	.9	.3	.1	.1						3.3	6.5
VARBL													
CALM												27.3	
	23.7	22.8	15.6	6.5	.8	.2	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7268

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS
ALL WEATHER CLASS
CONDITION
NNV NORTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.6	3.4	1.4	.1	.0						10.5	6.7
NNE	5.2	7.5	4.1	.9	.3							17.8	5.3
NE	7.2	6.7	1.3	.2	.1							15.5	4.0
ENE	7.3	6.8	.9	.0								15.1	3.7
E	3.5	2.3	.4	.1								6.3	3.5
ESE	.5	.3	.1	.0	.0							.9	4.0
SE	.3	.1	.0	.0								.4	3.3
SSE	.4	.2	.2	.1	.0	.0						1.0	6.6
S	.4	.7	.6	.3	.1							2.1	7.3
SSW	.3	.4	.5	.4	.0							1.7	7.9
SW	.2	.3	.2	.1	.0							.8	6.9
WSW	.2	.1	.0	.0	.0							.5	5.1
W	.2	.2	.1	.0								.5	4.9
WNW	.1	.2	.1	.0								.5	5.4
NW	.2	.2	.1	.0								.5	4.8
NNW	.5	.5	.7	.2	.0							2.0	6.6
VARBL													
CALM												24.0	
	28.7	30.1	12.8	2.9	.4	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 6927

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 26401 ELMEUDORF AFB ALASKA/ANCHORAGE YEARS 66-75
STATION NAME CLASS ALL WEATHER
CONDITION ALL
DEC NORTH
FOUR (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.4	2.9	1.5	.4	.1	.0					8.8	6.0
NNE	4.0	5.2	3.7	1.1	.2	.2	.1					14.5	6.3
NE	6.3	6.3	1.6	.3	.1							14.6	4.3
ENE	7.5	8.4	.9	.1								16.9	3.8
E	4.6	3.9	.5	.1								9.1	3.8
ESE	1.2	.6	.1	.1		.0						2.0	3.6
SE	.4	.2	.0	.0								.6	4.0
SSE	.4	.2	.0	.1	.1	.0						.8	6.0
S	.6	.8	.3	.2	.1	.1						2.2	6.7
SSW	.5	.7	1.0	.9	.2	.2						3.4	9.7
SW	.2	.3	.2	.1	.1	.0						.9	7.7
WSW	.2	.3	.1	.0								.6	5.1
W	.3	.3	.1									.7	4.3
WNW	.2	.1	.1	.0								.5	5.2
NW	.1	.2	.1	.1								.5	6.1
NNW	.4	.3	.3	.2	.1	.0						1.3	7.1
VARBL													
CALM												32.0	
	28.3	30.1	11.9	4.9	1.2	.6	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 7264

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELIENDORF AFB ALASKA/ANCHORAGE 67-76 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	1.8	2.1	1.3							7.7	10.0
NNE	4.2	4.5	3.0	1.2	.3	.2	.1	.1				13.6	6.7
NE	8.0	7.3	1.5	.2	.1	.2	.5					17.8	5.0
ENE	9.3	9.6	.3	.2								19.5	3.7
E	4.3	4.0	.3									8.7	3.6
ESE	.3	.6										.9	3.6
SE	.2	.1										.3	3.3
SSE	.1	.2		.1								.5	6.8
S	.2	.3	.5	.1	.1	.1						1.4	9.4
SSW		.2	.7	.8	.1							1.8	10.5
SW	.1	.1		.3	.1							.7	11.0
WSW		.1		.1								.2	8.0
W	.2											.2	2.0
WNW	.1	.2										.3	3.7
NW	.2	.2										.5	3.8
NNW	.2	.7	.7	.2								1.8	6.6
VARBL													
CALM												24.0	
	28.5	29.9	8.9	5.4	2.1	.6	.6	.1				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 807

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.0	3.2	3.2	2.0	.2							9.7	8.0
NNE	3.0	5.4	2.0	.5	.5	.3		.1				12.5	6.3
NE	5.9	7.0	.9	.1	.3	.3	.7					15.3	5.6
ENE	9.9	8.6	1.1									19.7	3.6
E	4.5	3.4	.7									8.6	3.6
ESE	.8	.6				.1						1.5	5.0
SE						.1						.1	24.0
SSE	.3	.2	.1									.7	4.3
S	.2	.1	1.0	.1								1.5	7.3
SSW	.1	.1	.8	.5								1.5	9.3
SW	.1	.1	.2	.1								.6	7.2
WSW	.3	.2	.1	.1	.1							.9	7.5
W	.3											.3	2.0
WNW	.2											.2	2.5
NW	.3		.1									.5	3.5
NNW	.5	.5	.2	.1								1.3	5.1
VARBL													
CALM												25.2	
	28.4	29.5	10.6	3.4	1.1	.9	.7	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

870

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	2.8	2.1	1.8	.5							9.3	7.6
NNE	4.0	4.6	2.9	1.3	.2	.1	.1	.1				13.4	6.4
NE	7.6	6.2	.2	.1	.1	.7	.5					15.5	5.5
ENE	9.4	9.6	.8									19.8	3.7
E	2.6	4.3	.5									7.4	4.0
ESE	.2	.7										.9	4.9
SE	.4	.1										.5	2.8
SSE	.2	.1	.2	.1								.7	6.3
S	.5	.7	.6	.5	.1							2.3	7.6
SSW	.6	.2	.4	.5								1.6	7.4
SW		.1		.1								.2	9.5
WSW		.1		.1								.2	9.5
W	.2	.4										.6	3.8
WNW		.4										.4	5.0
NW	.2											.2	3.0
NNW	.2	.5	.4									1.1	5.6
VARBL													
CALM												25.8	
	28.3	30.9	8.1	4.5	.9	.8	.6	.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 852

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 67-76 YEARS JAN NORTH
0900-1100 HOURS (L.S.T.)

ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.9	2.3	1.2	.6	.1						9.4	7.3
NNE	4.0	5.2	1.8	1.2	.1		.1					12.3	5.7
NE	6.7	6.0	.6	.2	.1	.4	.8	.1				14.9	6.0
ENE	8.2	9.7	.2	.1								18.3	3.8
E	3.9	3.9	.2									8.0	3.5
ESE	.7	.9										1.6	3.6
SE	.1	.2										.4	3.3
SSE		.2	.1				.1					.5	11.5
S	1.1	.9	.5	.1	.1	.1	.1					2.9	7.2
SSW		.4	.4	.2	.2							1.2	10.9
SW		.1										.1	6.0
WSW	.1	.1	.1									.4	5.7
W		.2	.1									.4	5.7
WNW			.1									.1	10.0
NW	.1	.1										.2	4.0
NNW		.9	.2	.5	.1							1.8	8.2
VARBL													
CALM												27.8	
	27.0	31.9	6.7	3.5	1.3	.6	1.2	.1				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 854

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76 JAN
STATION NORTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.3	3.0	2.1	.9	.2						11.8	8.5
NNE	4.9	5.7	2.3	.9	.2		.1					14.2	5.5
NE	6.5	5.6	.8	.1		.5	.6					14.1	5.6
ENE	7.9	4.1	1.2	.1			.1					13.4	3.8
E	4.4	3.6	.9									8.9	3.7
ESE	.9	.5	.2									1.6	4.0
SE	.5	.1										.6	2.4
SSE	.1	.3										.5	3.8
S	.9	.6	.5	.3	.2							2.6	7.1
SSW	.2	.5	.9	.2								1.9	7.6
SW	.1	.3										.5	4.0
WSW	.1		.3									.5	7.0
W		.1										.1	6.0
WNW	.2	.2	.1									.6	4.2
NW	.1	.1		.1								.3	6.7
NNW	.3	.8	.6	.3								2.1	7.0
VARBL													
CALM												26.5	
	28.6	26.8	10.9	4.3	1.4	.7	.8					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 861

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 67-76 YEARS JAN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	3.7	2.8	.8							10.8	9.1
NNE	4.2	6.5	2.8	.7	.6	.3	.3	.2				15.7	7.0
NE	7.5	5.7	.9	.1	.2	.7	.3					15.6	5.4
ENE	5.6	5.4	.8				.1					11.9	4.0
E	4.3	3.3	.6	.1								8.3	3.7
ESE	.2	.2										.5	3.0
SE	.1		.1									.2	4.5
SSE	.6	.2	.1	.1								1.0	4.6
S		.7	.5									1.2	6.4
SSW	.1	.1	1.3		.1							1.6	9.0
SW	.1		.2	.1								.5	7.8
WSW		.2		.1								.3	7.7
W	.1	.6	.2									.9	5.9
WNW	.2			.1								.3	5.3
NW	.2	.2	.1									.6	4.6
NNW	.5	.2	.6	.5								1.7	7.7
VARBL													
CALM												28.8	
	25.3	25.5	12.0	4.7	1.7	1.0	.8	.2				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 859

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMEIDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.2	2.9	3.5	.7	.4						11.2	9.5
NNE	3.4	4.1	3.3	1.3	.6	1.1	.2					13.9	8.3
NE	7.0	6.4	1.1	.5	.1	.6	.4					16.0	5.3
ENE	7.4	8.3	1.2	.2								17.0	3.9
E	4.1	3.7	.5									8.3	3.6
ESE	1.1	.7										1.8	3.4
SE	.2											.2	2.0
SSE	.4	.1	.1									.6	4.2
S	.2	.2	.8	.1								1.4	7.3
SSW	.2	.1	1.1	.9								2.3	9.1
SW	.2		.1									.4	4.3
WSW	.5	.2	.1									.8	3.3
W	.1	.2										.4	3.7
WNW	.2		.2									.4	6.3
NW	.2	.1										.4	3.3
NNW	.1	.1	.2	.2								.7	7.8
VARBL													
CALM												24.4	
	26.7	26.6	11.6	6.8	1.4	2.0	.6					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 857

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENORE AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.0	3.5	1.8	1.8							11.8	9.0
NNE	5.0	4.6	4.3	1.3	.3	.1	.1					15.7	6.2
NE	8.0	7.2	1.0	.2	.7	.2	.6					17.9	5.5
ENE	7.8	8.3	1.0	.1								17.3	3.8
E	3.6	2.8	.1									6.5	3.4
ESE	1.7	.1										1.8	2.1
SE	.1	.1										.2	2.5
SSE	.1		.1									.2	5.5
S	.1	.1	.6	.2		.1						1.2	10.0
SSW	.3	.5	.3	.7	.1							2.0	9.5
SW				.1								.1	12.0
WSW	.1		.1									.2	4.5
W		.2										.2	4.0
WNW	.2		.2									.5	5.8
NW	.1	.3		.1								.6	6.2
NNW	.1	.6	.3									1.0	6.0
VARBL													
CALM												22.8	
	29.0	27.8	11.6	4.6	3.0	.5	.7					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

867

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION NAME EL MENDORE AFB ALASKA/ANCHORAGE YEARS 67-76 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.9	5.7	2.0	.1							13.4	7.5
NNE	4.5	5.4	3.5	1.9	.6	.5						16.5	7.0
NE	6.0	6.9	1.3	.4								14.6	4.1
ENE	8.3	6.2										14.5	3.4
E	4.0	1.5	.1									5.7	2.9
ESE	1.0											1.0	2.0
SE	.6	.1		.1	.1							1.0	6.3
SSE	.3	.4	.1									.8	4.5
S	.4	.9	.6	.5								2.4	7.1
SSW	.5	.8	1.3	.6								3.1	7.5
SW	.3	.5	.1	.1								1.0	6.0
WSW	.1	.0	.1	.1								1.0	6.6
W	.5	.1	.3									.9	4.3
WNW	.3	.3										.5	3.5
NW	.3	.1	.4									.8	6.5
NNW	.3	.8	1.1									2.1	6.4
VARBL													
CALM												20.8	
	29.0	28.5	14.6	5.8	.9	.5						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 794

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION FLHENDURF AFB ALASKA/ANCHORAGE 67-76 YEARS
ALL WEATHER CLASS
FEB NORTH
0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	4.2	4.5	3.0	.1	.1						13.6	7.9
NNE	3.3	5.5	3.8	.8	.3							13.6	6.0
NE	7.8	5.3	.3	.1								13.5	3.4
ENE	8.1	5.7	.3									14.0	3.3
E	2.9	2.8	.3									5.9	1.7
ESE	.6	.1		.1		.1						1.0	5.0
SE	.1		.3	.1	.1							.6	10.6
SSE	.3											.3	2.0
S	.6	.9	1.1	.3	.1							3.0	7.0
SSW		.8	1.0	.3								2.0	7.7
SW	.3	.6	.1									1.0	4.8
WSW	.1	.1	.1									.4	4.7
W	.1	.4										.5	4.5
WNW	.5	.5	.1									1.1	3.9
NW	.3	.4	.1									.8	4.8
NNW	.5	2.0	1.5	.1								4.2	6.2
VARBL													
CALM												24.6	
	27.1	29.2	13.5	4.8	.6	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 794

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76 FEB
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0600-0800
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	5.4	4.7	2.0	.1							14.2	7.1
NNE	4.5	5.2	3.4	.1		.3						13.5	5.3
NE	8.3	6.0	1.0	.4								15.7	3.8
ENE	8.3	6.9	.4									15.6	3.4
E	3.2	2.2	.1	.1								5.6	3.5
ESE	.1	.5										.6	3.6
SE	.1	.3	.1		.1							.6	8.0
SSE	.4	.3	.1	.3								1.0	6.3
S	.4	.3	.8	.3								1.7	7.9
SSW	.5	.9	.9	.3								2.6	5.9
SW		.1	.1	.1								.4	8.7
WSW	.4	.3	.1	.3	.1							1.1	7.4
W	.3	.3	.4	.1								1.0	8.4
WNW		.5	.1	.1								.8	7.0
NW	.4	.1	.3	.1								.9	6.1
NNW	.5	.9	.9	.5	.1							2.9	7.7
VARBL													
CALM												21.8	
	29.2	30.0	13.5	4.7	.5	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 784

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

FFB
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.9	4.4	1.6	.1							12.7	6.9
NNE	5.4	7.6	6.0	.9		.3						20.2	5.7
NE	7.1	4.3	1.3	.4	.1							13.2	4.1
ENE	5.6	4.8	.9									11.3	3.6
E	3.2	2.4	.4	.1	.3							6.3	4.4
ESE	.6											.6	2.2
SE	.3	.1	.3									.6	5.0
SSE	.4		.4									.8	5.3
S	.6	.5	.5	.1								2.0	5.5
SSW	.6	1.3	.6	.8								3.3	6.8
SW	.3	.3	.4									.9	5.6
WSW	.4		.3	.3								.9	6.7
W	.3		.4									.6	5.2
WNW	.1		.3									.4	5.0
NW		.1	.4	.1								.6	8.8
NNW	.5	1.1	1.3	.5								3.4	7.0
VARBL													
CALM												22.2	
	27.9	26.7	17.6	4.8	.5	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

789

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 67-76 YEARS FEB MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	6.9	4.6	2.3								16.5	6.6
NNE	4.6	11.0	7.2	1.4	.1							24.4	6.1
NE	2.7	2.9	1.6	.4								7.6	5.1
ENE	2.0	2.4	.3									4.7	3.8
E	2.9	1.5	.3									4.7	3.2
ESE	.5	.5										1.0	3.4
SE	.3		.1									.4	4.7
SSE	.8	.1	.1	.3								1.3	5.1
S	1.1	1.0	.8	.5								3.4	5.9
SSW	1.4	.9	1.0	.1								3.4	5.2
SW	.9	1.0	.2									2.4	4.7
WSW	.4	.6										1.0	4.4
W	.6	.8	.5									1.9	4.7
WNW		.3										.3	5.0
NW	.4	.1	.3	.1								.9	5.3
NNW	.8	.8	1.4	.6								3.6	7.0
VARBL													
CALM												22.6	
	22.1	30.8	18.7	5.7	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEAR

FEB
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	3.7	5.6	2.6	.1							15.4	7.0
NNE	8.0	8.5	9.4	1.5	.5							24.9	5.8
NE	3.6	3.3	1.4	.1	.1	.1						8.7	4.9
ENE	3.6	3.6	.6	.1								8.0	4.0
E	2.3	1.5	.3	.1	.3							4.5	4.8
ESE	.5			.3								.8	5.8
SE	.1		.4									.5	7.3
SSE	.1				.1							.3	10.5
S	1.0	.4	.5		.1							2.1	5.4
SSW	1.3	1.2	.3	.3	.1							3.1	5.2
SW	.5	.9	.1									1.5	3.9
WSW	.4	.4	.3									1.0	4.6
W	.6	.9										1.5	4.1
WNW	.5	.4										.9	3.0
NW	.3	.5		.1								.9	5.1
NNW	.4	.9	1.2	.8								3.3	7.7
VARBL													
CALM												22.6	
	26.6	26.2	17.2	5.9	1.4	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

779

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.8	4.7	2.7	.7							14.1	8.0
NNE	5.5	5.7	4.8	1.7	.3							18.0	6.0
NE	6.1	4.7	1.4	.4	.3		.1					13.0	4.8
ENE	7.8	4.0	.8									12.6	3.3
E	2.5	1.2	.3									3.9	3.5
ESE	.4	.3										.7	3.6
SE	.1		.1	.1								.4	8.0
SSE		.1										.1	4.0
S	.3	.5	.3	.3	.1							1.4	7.7
SSW	1.2	1.0	.3	.5	.1							3.1	6.3
SW	.3	.4	.4	.1								1.2	6.1
WSW	.4	.4	.3									1.0	4.6
W	.3	.9	.1									1.3	4.3
WNW	.4	.3	.5	.1								1.3	6.0
NW		.1	.1	.3								.5	9.5
NNW	.5	.9	.8	.5								2.7	7.0
VARBL													
CALM												24.5	
	27.9	24.4	14.9	6.8	1.4		.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

767

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 67-76 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L & T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.6	6.0	2.7	.3							13.5	8.2
NNE	4.3	5.7	3.6	1.8	.4							15.8	6.3
NE	6.1	5.2	1.0	.6	.4							13.3	4.6
ENE	9.3	4.7	.4									14.4	3.2
E	2.3	1.3	.1									3.8	3.2
ESE	1.2	.4										1.6	2.7
SE	.3											.3	1.0
SSE	.1			.4								.5	9.3
S	.3	.6	.6									1.6	6.2
SSW	.6	.8	1.2	.4	.3							3.2	7.9
SW	.4	.4	.3	.1								1.2	5.8
WSW	.3	.5	.3									1.0	4.9
W	.5	.6	.5									1.7	5.2
WNW	.6	.4										1.0	3.0
NW	.3	.5										.8	4.0
NNW	.8	.6	1.9	.4	.1							3.9	8.0
VARBL													
CALM												22.5	
	29.3	24.4	15.9	6.5	1.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 772

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 67-76 YEARS MAR MONTH
0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.2	6.0	1.9	.2							15.1	7.2
NNE	3.9	5.9	3.3	.6	.3							14.0	5.6
NE	6.7	2.2	1.1			.1						10.1	3.6
ENE	8.0	5.5	.1	.1								13.8	3.2
E	1.3	.4										1.8	2.7
ESE	.3	.1		.1								.6	4.2
SE	.3	.2										.6	3.2
SSE	.4	.1	.1									.7	3.8
S	.6	.7	.7	.1		.1						2.1	6.8
SSW	.1	.9	.4	.8	.8	.3						3.3	12.5
SW	.3	1.1	.2	.1	.1							1.9	6.5
WSW	.2	.4	.1									.8	4.9
W	.3	.2	.2	.1								.9	5.4
WNW	.4	.1	.3									.9	4.4
NW	.2	.2	.4	.3								1.2	8.2
NNW	.4	.9	1.1	.6								3.0	7.4
VARBL													
CALM												29.4	
	26.4	23.3	14.2	4.7	1.4	.6						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 901

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAR
MONTH

0300-0500
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.3	4.6	2.6	.2							13.7	7.6
NNE	4.1	5.7	3.1	.7								13.5	5.1
NE	6.9	3.3	.2									10.4	3.1
ENE	6.6	5.1	.2									11.9	3.3
E	3.6	1.6	.2									5.5	3.0
ESE	.7	.3										1.0	2.9
SE	.2	.1										.3	2.7
SSE	.2		.1	.1								.4	6.0
S	.8	.5	1.0	.5								2.8	7.0
SSW	.4	1.2	1.2	.9	.8							4.5	9.7
SW	.1	.8		.1								1.0	6.2
WSW	.3	.5	.1	.2								1.2	5.6
W	.4	.4	.4									1.3	5.1
WNW	.4	.2	.2									.9	4.0
NW	.3	.2	.1	.3								1.0	6.8
NNW	.7	.5	.5	.4								2.2	6.5
VARBL													
CALM												28.4	
	27.7	25.0	12.0	5.9	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 913

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

4AR
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.8	4.5	2.6								14.0	7.1
NNE	5.1	5.8	2.8	.4								14.1	4.8
NE	6.3	3.8	1.0	.1								11.2	3.6
ENE	6.7	5.8	.2									12.7	3.4
E	2.8	1.4	.2									4.5	3.2
ESE	.4	.1		.1								.7	4.3
SE	.1		.1									.2	5.5
SSE	.4	.3	.1									.9	4.1
S	.6	.3	.7	.6	.1							2.2	7.9
SSW	.6	1.8	1.7	.6	.9	.1						5.6	9.2
SW	.1	.8	.7									1.6	6.2
WSW	.3	.1	.2									.7	5.0
W	.1	.3	.3									.8	5.4
WNW	.2	.1										.3	3.0
NW	.2	.2	.2									.7	4.7
NNW	.3	.8	.4	.2								1.8	6.3
VARBL													
CALM												28.1	
	26.6	26.5	13.1	4.6	1.0	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

898

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 26401 STATION NAME ELMENDORF AFB ALASKA/ANCHORAGE YEARS 57-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	9.4	5.9	1.7	.1							22.6	5.9
NNE	5.4	9.4	3.6	1.1	.1							19.7	5.3
NE	3.0	2.6	1.1	.1								6.8	4.3
ENE	1.4	1.7	.2	.1								3.4	3.8
E	.9	.8			.1							1.8	4.4
ESE	.2											.2	2.0
SE	.2	.1										.3	3.0
SSE	.2	.1	.2	.1								.7	6.8
S	.7	.6	.9	.2	.2							2.6	7.2
SSW	.7	1.9	1.7	.8	.9	.2						6.1	9.5
SW	.3	.2	.9	.3	.1	.1						2.0	9.6
WSW	.7	.2	.2									1.1	3.8
W	.9	1.1	.3									2.3	4.2
WNW	.2	.6										.8	4.0
NW	.8	.1	.3									1.2	4.2
NNW	1.3	1.7	1.0									4.0	5.0
VARBL													
CALM												24.4	
	22.4	30.4	16.3	4.4	1.6	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 900

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

YEAR
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	9.1	7.5	2.1	.1							23.2	6.3
NNE	3.7	10.4	4.7	.7		.1						19.6	5.7
NE	1.1	1.6	.3	.4	.3							3.8	6.3
ENE	.3	.4	.3									1.1	5.2
E	.6	.6	.1	.3								1.6	6.0
ESE	.1											.1	2.0
SE			.1			.1						.2	17.0
SSE	.6	.1		.2								.9	4.5
S	.7	.2	.7	.6								2.1	7.3
SSW	1.2	1.1	1.3	1.0	.9	.1						5.7	9.5
SW	.7	.6	.6	.3		.1						2.2	7.0
WSW	1.6	1.9	.2									3.7	3.7
W	2.6	4.9	.9	.1								8.5	4.5
WNW	.6	.6	.3	.1								1.6	5.1
NW	.9	.6	.3									1.8	4.1
NNW	1.5	2.9	1.5									5.8	5.0
VARBL													
CALM												18.1	
	20.4	34.9	18.9	5.9	1.3	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

894

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMEHENDORF AFB ALASKA/ANCHORAGE 67-76 MAR
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
1500-1700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	7.4	6.4	2.1	.2							19.6	6.7
NNE	4.8	8.9	3.8	.9	.1							18.6	5.3
NE	.9	2.1	.5	.2								3.7	4.9
ENE	.3	.5	.3									1.1	5.3
E	.3	.3	.1	.1								.9	5.9
ESE	.2		.1									.3	4.0
SE	.2		.1	.1								.5	6.5
SSE	.5		.1	.2								.8	6.0
S	.5	.5	1.0	.5	.1							2.5	8.3
SSW		.8	.6	.7	.3							2.4	10.1
SW	.7	.5	.3	.7	.1							2.3	7.7
WSW	1.7	1.7	.2	.1								3.7	4.0
W	4.7	9.8	2.3									16.8	4.6
WNW	1.5	1.2	.5	.1								3.3	4.5
NW	.7	.5	.2		.1							1.5	5.3
NNW	.9	1.8	1.5	.2	.1							4.5	6.3
VARBL													
CALM												17.6	
	21.3	36.0	18.0	6.0	1.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 887

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 26401 STATION NAME ELMENDORF AFB ALASKA/ANCHORAGE YEARS 67-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.8	6.4	1.8	.1							16.4	7.0
NNE	4.8	4.8	4.0	.3	.2	.1						14.3	5.4
NE	3.1	2.6	.7	.3								6.7	4.2
ENE	1.9	1.5	.4	.1								4.0	4.1
E	.8	.4		.3								1.5	5.3
ESE	.4											.4	2.5
SE	.1											.1	1.0
SSE	.3		.1									.4	4.0
S	.7	.6	.2	.8								2.2	8.0
SSW	.4	.9	1.0	.6	.2							3.1	8.5
SW	.2	.3		.2	.1							.9	8.4
WSW	1.9	.7	.2									2.8	3.3
W	2.0	2.0	.1									4.1	3.7
WNW	.8	.6										1.3	3.3
NW	.2	.4	.1		.1							.9	6.6
NNW	1.2	1.1	.6	1.2	.1							4.2	7.4
VARBL													
CALM												36.7	
	21.1	21.8	13.8	5.6	.9	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.8	7.5	1.9	.8	.1						14.5	2.5
NNE	5.5	5.4	3.9	.4		.1						15.4	5.2
NE	4.3	3.2	.6	.2	.1	.1						8.5	4.2
ENE	6.1	3.0		.1								9.2	3.1
E	2.2	.8										3.0	2.7
ESE	.6	.1	.1	.1								.9	4.6
SE	.1			.1	.1							.3	11.3
SSE	.2	.1										.3	3.3
S	.7	.6	.7	.3								2.2	6.3
SSW	.3	.6	.2	.6	1.1	.1						2.9	12.7
SW	.4	.3	.1			.1						1.0	6.3
WSW	.3	.4	.2									1.0	4.9
W	.8	.3										1.1	3.1
WNW	.3	.3	.1									.8	4.1
NW	.2	.4	.3	.2								1.2	6.8
NNW	.6	1.0	.8	.7	.1	.1						3.2	8.2
VARBL													
CALM												34.4	
	24.1	19.4	14.5	4.7	2.2	.7						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 903

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

APR
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.2	6.0	1.5								14.8	6.7
NNE	4.3	3.3	2.3	.2								10.1	4.6
NE	3.0	3.0	.6									6.6	3.7
ENE	3.3	1.4	.3									5.0	3.2
E	1.5	.3	.2					.1				2.2	5.5
ESE	.1	.1	.1									.3	5.3
SE	.5	.1										.6	3.0
SSE	.3	.1	.1									.6	4.0
S	.8	.6	1.6	.2								3.3	6.5
SSW	1.2	2.9	1.6	.6								6.3	6.0
SW	1.0	.5	.7	.2								2.4	5.4
WSW	.1	.6	.2	.0								1.5	8.0
W	.8	1.0	.3									2.2	4.1
WNW	.3	.5	.2									1.0	4.9
NW	.6	.6	.5		.1							1.7	6.1
NNW	1.0	.8	.5	.3								2.7	5.7
VARBL													
CALM												38.6	
	20.9	21.0	15.5	3.7	.1			.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 860

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

APR
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.4	0.8	1.1								15.4	6.4
NNE	4.3	3.5	1.6	.2								9.6	4.6
NE	4.4	3.1	.8									8.3	3.7
ENE	4.4	2.0										6.5	3.0
E	1.4	.3										1.7	2.8
ESE	.5	.1										.6	2.8
SE	.7			.1								.8	3.6
SSE	.2	.3										.6	3.2
S	.6	.7	.6									1.8	5.1
SSW	.9	1.4	1.9	.5								4.7	6.6
SW	.2	.5	.3	.1								1.1	5.9
WSW	.7	.2	.2									1.1	4.2
W	.7	.5	.6									1.7	4.9
WNW	.7	.2	.1									1.0	3.7
NW	.7	.3	.6									1.6	4.8
NNW	.8	.8	1.1	.2								3.0	6.3
VARBL													
CALM												40.5	
	24.2	18.4	14.6	2.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS

881

DATA PROCESSING BRANCH
ET/ SAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26461 ELMENDORF AFB ALASKA/ANCHORAGE 67-75 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	6.2	4.0	1.3								15.8	5.5
NNE	3.4	6.8	1.6		.1	.1						12.0	5.0
NE	4.0	2.1	.1									6.2	3.3
ENE	3.1	1.3	.0									4.9	3.6
E	1.4	.3										1.7	2.5
ESE	.5											.5	1.8
SE	.2											.2	2.5
SSE	.3	.3	.1									.8	4.0
S	.6	.5	.6	.2								1.8	6.2
SSW	1.5	1.7	1.0	.2								4.5	5.0
SW	1.1	.5	.6	.3								2.5	5.5
WSW	.5	.5	.1									1.0	3.8
W	.8	.9										1.7	4.0
WNW	.7	.6		.1	.1							1.5	5.0
NW	.5	.6	.5	.1	.1							1.7	6.4
NNW	.9	2.1	1.3		.1							4.4	5.8
VARBL													
CALM												38.6	
	23.9	24.2	10.4	2.3	.5	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 872

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMDORF AFB ALASKA/ANCHORAGE 67-76 YEARS APR MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	11.4	6.4	.8								23.9	5.4
NNE	3.7	5.7	3.3									12.7	5.1
NE	1.6	1.9	.7									4.2	4.3
ENE	.7	.3	.3									1.4	4.7
E	.3	.2										.6	3.4
ESE	.3											.3	2.3
SE	.2	.2										.5	3.8
SSE	.5		.1	.1								.7	5.0
S	.3	.3	.8	.2								1.7	7.5
SSW	1.4	1.4	1.2	.2								4.2	5.6
SW	1.0	.3	.2	.5								2.1	6.0
WSW	1.9	2.4	.2	.1								4.7	4.1
W	3.3	4.9	1.6	.2								10.0	4.8
WNW	.9	1.5	.7									3.1	4.8
NW	1.2	.8	.7		.1							2.8	5.3
NNW	2.3	2.8	1.9	.2	.2							7.5	5.5
VARBL													
CALM												19.7	
	25.6	34.3	18.2	2.4	.3							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 859

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 67-76 YEARS APR MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	10.0	0.0	1.2	.2							20.4	6.1
NNE	3.2	4.2	2.6	.2								10.2	5.0
NE	.5	1.1	.2									1.8	4.5
ENE	.5	.4	.1									.9	3.9
E	.2	.1	.1									.5	4.0
ESE	.1	.4	.1		.1							.7	7.8
SE			.4									.4	10.0
SSE	.2	.4	.5	.2								1.3	7.1
S	.4	.6	.4	.8								2.1	8.2
SSW	.4	.7	.7	.6	.1							2.5	7.8
SW	.6	1.1	.4	.2								2.2	5.7
WSW	1.1	3.5	1.3	.2								6.1	5.4
W	4.7	12.1	10.1	.5								27.3	5.9
WNW	.9	2.9	1.4									5.3	5.3
NW	.9	1.3	.1	.1		.1						2.6	4.8
NNW	2.1	4.6	2.2									8.9	5.3
VARBL													
CALM												7.0	
	18.7	43.1	26.5	4.1	.5	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 354

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
SECTION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	6.5	4.7	1.3	.2							15.0	6.5
NNE	2.6	2.2	1.9	.1								6.9	4.7
NE	.3	.3	.7	.5	.1							1.9	8.2
ENE	.3	.1	.2									.7	4.8
E	.8	.1	.5	.1								1.5	4.8
ESE	.1	.2		.3								.7	8.5
SE		.2	.1	.2								.6	8.6
SSE	.2	.2	1.0	.9								2.4	9.3
S	.3	.8	1.7	1.5								4.4	8.7
SSW	.5	.9	.6	.3								2.3	6.8
SW	.8	1.0	.5	.3								2.6	5.7
WSW	1.1	2.8	2.8	.2								6.9	6.2
W	5.5	13.2	9.9	1.5		.1						30.2	6.1
WNW	1.4	3.1	1.1	.1								5.7	5.0
NW	.9	1.9	1.0	.1	.1							4.1	5.7
NNW	1.7	2.8	1.9	.2								6.7	5.8
VARBL													
CALM												7.5	
	19.0	36.5	28.7	7.8	.5	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

872

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMEUDORF AFB ALASKA/ANCHORAGE 67-76 APR
STATION STATION NAME YEARS MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.9	3.9	1.3	.1	.3						14.1	6.5
NNE	1.9	1.6	1.7	.2								5.5	5.4
NE	2.1	.5	.2									2.7	2.9
ENE	.6	.7	.1									1.4	3.8
E	1.0	.5	.2	.1								1.8	4.5
ESE	.2	.2	.1									.6	4.0
SE	.3	.1	.1									.6	4.2
SSE	.7	.6	.6									1.8	5.1
S	1.7	1.3	.9	.3								4.2	5.2
SSW	1.6	1.8	2.3	.3	.1							6.2	6.2
SW	.6	1.5	1.1	.2	.1							3.5	7.0
WSW	1.7	1.6	1.1	.1								4.6	5.0
W	5.7	8.5	3.2	.2								17.6	4.7
WNW	1.6	2.4	.5									4.5	4.1
NW	1.0	.8	.7	.1								2.6	5.2
NNW	1.4	1.4	.9	.6	.1							4.3	6.1
VARBL													
CALM												24.0	
	25.7	28.2	17.7	3.5	.5	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 875

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

APR
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.7	6.3	.9	.1							14.2	6.7
NNE	3.2	2.8	2.3	.3								8.6	5.1
NE	3.3	1.9	.6	.1								5.9	3.9
ENE	2.5	1.0	.3									3.9	3.4
E	.6	.7	.5	.1								1.8	5.1
ESE	.2		.1									.3	4.3
SE	.2		.2	.1								.6	7.2
SSE	.5	.2										.7	3.0
S	.9	1.3	1.1	.3								3.6	6.2
SSW	1.0	1.9	1.3	.8	.2							5.8	7.1
SW	1.0	.2	.5	.1								1.8	4.8
WSW	.5	.1	.3	.1								1.0	5.3
W	1.1	1.6	.2									3.0	4.0
WNW	.6	.8	.2									1.8	4.3
NW	.3	.3		.1								1.3	3.8
NNW	1.8	2.3	.7	.2	.2							5.2	5.4
VARBL													
CALM												40.4	
	20.7	19.9	15.1	3.3	.6							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

879

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMHORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

DAY
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.9	2.2	.2								8.4	5.4
NNE	2.8	2.3	.2	.1								5.4	3.7
NE	5.0	1.6	.1	.1								6.8	3.0
ENE	2.7	2.6	.2									5.4	3.5
E	1.7	.9	.3									2.9	3.7
ESE	.2	.2		.1								.6	6.2
SE	.7	.1										.8	2.7
SSE	.6	.7	.2		.1							1.6	5.2
S	.7	1.8	1.9									4.3	5.7
SSW	1.3	3.8	3.6	.1	.1							9.9	4.1
SW	1.0	.9	1.7		.1							3.7	6.1
WSW	1.0	1.1	.4	.2								2.8	5.0
W	2.0	1.2	1.1									4.3	4.5
WNW	.8	.9	.8									2.4	3.0
NW	.6	.8	.3	.1								1.8	5.3
NNW	.8	2.4	.6									3.8	5.0
VARBL													
CALM												36.2	
	23.8	25.1	13.7	1.0	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 901

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.2	2.3	.3								7.6	5.5
NNE	2.2	2.4	.4									5.1	3.8
NE	3.0	2.1	.2									5.3	3.5
ENE	4.9	2.1										7.0	2.9
E	2.2	.9										3.1	3.0
ESE	.8	.2	.1									1.1	3.3
SE	.3		.1									.4	3.8
SSE	.4	.4										.9	3.6
S	1.5	1.7	.9	.1								4.2	5.0
SSW	.8	2.7	1.9	.4								5.7	6.7
SW	1.2	1.1	.8	.1								3.2	4.9
WSW	.7	1.2	.4	.1								2.4	5.0
W	1.2	2.4	.6									4.2	4.3
WNW	.7	.1	.1	.1								1.0	4.3
NW	.2	1.1	.2									1.5	5.0
NNW	1.2	1.7	.9									3.8	4.8
VARBL													
CALM												43.4	
	23.1	23.3	9.0	1.2								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

905

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELIENDORF AFB ALASKA/ANCHORAGE 67-75 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.1	7.2	1.1	.3								15.8	5.0
NNE	2.6	4.5	1.3	.3								8.7	5.0
NE	1.2	1.8	.4									3.5	4.4
ENE	1.3	.6	.1									2.0	3.2
E	.7	.1	.2									1.0	3.7
ESE	.1	.1										.2	3.0
SE	.4	.3										.8	2.7
SSE	.7											.7	2.7
S	.7	.9	.4									2.0	4.7
SSW	2.0	1.9	1.2	.3								5.5	5.3
SW	.9	1.3	1.7	.2								4.1	6.2
WSW	3.9	2.2	.6									6.7	3.6
W	3.6	3.6	1.0	.2								8.4	4.5
WNW	1.6	1.8	.4									3.8	4.2
NW	1.0	.8										1.8	3.1
NNW	1.9	2.9	1.2	.1								6.1	4.8
VARBL													
CALM												29.1	
	27.6	30.0	11.8	1.6								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 898

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

57-76
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	8.9	3.9	.7								15.5	5.9
NNE	1.5	3.5	2.5	.3								7.8	5.9
NE	.2	.7	.3	.1								1.3	5.8
ENE	.2	.4	.3									1.6	5.6
E	.4		.2									.7	4.3
ESE	.2	.3	.1									.7	4.8
SE	.2		.1									.3	3.3
SSE	.1	.1	.1	.3								.7	9.8
S	.2	.7	.6	.3								1.8	7.3
SSW	.7	.6	.8	.4	.1							2.6	7.7
SW	1.0	1.1	1.2	.3								3.7	6.5
WSW	2.2	5.1	3.4	.2								10.9	5.6
W	3.7	11.6	10.0	.8								26.1	6.1
WNW	1.6	3.8	1.2	.1								6.7	5.0
NW	1.8	3.9	.7	.1								4.5	4.5
NNW	2.6	3.0	2.0	.1								7.8	4.9
VARBL													
CALM												7.9	
	18.8	41.7	27.6	3.9	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 889

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 57-76 YEAR MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	3.1	.8								7.9	6.7
NNE	.4	1.1	1.1	.1								2.8	6.6
NE	.4	.6	.7									1.7	5.7
ENE	.4	.4	.4	.3								1.7	6.5
E	.2	.3	.8	.2	.2							1.8	8.5
ESE	.2		.1	.2								.6	9.0
SE		.3	.1	.4								.9	9.8
SSE	.4	.2	.7	.9								2.2	8.7
S	.7	.7	1.1	.7	.2							3.4	8.2
SSW	.1	.4	.6	.9	.2							2.2	10.3
SW	.3	1.7	.8	.1	.1							3.0	6.4
WSW	1.3	5.4	4.4	1.0								12.1	6.4
W	1.0	11.2	22.1	6.0								40.4	8.0
WNW	1.0	2.7	3.5	.3								7.5	6.4
NW	.8	1.1	1.3	.3								3.6	6.1
NNW	1.0	2.2	2.5	.2								5.9	6.3
VARBL													
CA:M												2.3	
	9.5	31.4	43.3	12.6	.8							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 294

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76
STATION STATION NAME YEARS
ALL WEATHER
CLASS
1500-700
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.5	2.7	.2								6.3	6.4
NNE	.9	.9	1.3	.1								3.3	6.0
NE	.4	.3	.3	.2								1.3	6.4
ENE	.2		.1	.3								.7	8.5
E	.2	.3	.4	.4								1.5	8.5
ESE	.2	.4	.4	.6								1.7	8.5
SE	.1	.3	.7	.3								1.5	8.5
SSE	.3	.2	.9	1.7	.2							3.4	10.4
S	.3	.7	1.9	1.8	.2							4.9	9.7
SSW	.4	1.6	1.9	1.2								5.2	8.2
SW	.7	1.5	2.7	.8	.1							5.7	7.7
WSW	1.1	3.0	4.7	1.2	.1							10.2	7.5
W	1.1	11.3	20.8	7.1	.1							40.4	8.2
WNW	1.5	2.5	1.6	.4	.1							6.1	6.1
NW	.2	1.5	.6	.2								2.5	6.3
NNW	.4	1.8	1.1	.3								3.7	6.4
VARBL													
CALM												1.7	
	9.2	28.9	42.2	17.1	.9							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 890

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMEUDORF AFB ALASKA/ANCHORAGE 67-76 YEARS MAY MONTH
ALL WEATHER CLASS 1600-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.5	2.4	.2								7.1	5.6
NNE	.9	1.3	.8	.1								3.1	5.3
NE		.9	.8	.2								1.9	7.4
ENE	.1	.7	.8									1.6	6.4
E	.2	1.2	.9	.3	.1							2.8	7.4
ESE	.2	.2	.6		.2							1.2	8.6
SE	.2	.9	.2	.1	.1							1.6	6.6
SSE	.6	.6	.7	.3								2.1	6.7
S	.8	1.6	4.3	.3	.1							7.1	7.6
SSW	.4	1.8	2.9	1.7	.1							7.0	8.3
SW	1.3	1.9	2.1	.7	.1							6.2	6.7
WSW	2.1	4.4	2.5	.4								9.4	5.7
W	4.4	10.4	9.2	2.6								26.6	6.4
WNW	.8	3.6	2.2	.1								6.7	5.8
NW	1.5	2.1	.6	.1								4.3	4.5
NNW	1.3	1.8	.6	.1								3.8	4.9
VARBL													
CALM												7.5	
	16.9	35.9	31.4	7.4	.8							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 891

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMEENDORF AFB ALASKA/ANCHORAGE 67-76 MAY
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.8	1.8	.2								7.9	5.4
NNE	2.7	2.4	.7									5.8	3.9
NE	2.0	1.4	.2									3.7	3.5
ENE	2.6	.7	.6									3.8	3.6
E	1.0	1.1	.3									2.4	4.2
ESE	.9	.8	.1	.1								1.9	4.1
SE	1.3	.4	.1									1.9	3.1
SSE	.9	.7	.4									2.0	4.6
S	1.9	2.4	.7									5.0	4.4
SSW	1.3	2.4	.3	.3								7.4	6.4
SW	.6	.9	2.0	.4	.1							4.0	7.4
WSW	.7	1.2	.9	.2								3.0	5.9
W	3.3	2.9	1.1	.7								8.0	4.8
WNW	1.0	2.2	.4									4.2	4.1
NW	.9	1.0	.6									2.4	4.9
NNW	2.0	2.6	1.3									5.9	4.7
VARBL													
CALM												30.7	
	25.6	27.0	14.5	2.0	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 901

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.4	1.4	.1								6.1	4.9
NNE	3.8	1.4	.8									5.0	3.4
NE	5.2	2.1	.3									7.6	3.2
ENE	3.4	2.1										5.5	3.1
E	1.5	.9	.1									2.5	3.2
ESE	1.3	.7	.3	.1								2.4	4.3
SE	.9	.6	.2	.5								2.2	5.8
SSE	.5	.2	.3									1.0	5.2
S	2.4	2.8	1.1	.5								6.8	5.1
SSW	2.2	5.1	1.1	.7								10.0	5.7
SW	1.3	1.6	1.1	.6								4.6	6.0
WSW	.9	1.1	1.0	.1								3.2	5.7
W	2.1	2.0	1.0									5.1	4.5
WNW	.7	.5										1.1	3.0
NW	.8	.3										1.1	2.9
NNW	.9	.6	.6	.1								2.2	4.9
VARBL													
CALM												32.5	
	30.0	24.3	10.6	2.6								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 870

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	1.0									5.0	4.8
NNE	3.9	2.1	.3									6.3	3.2
NE	4.3	2.1	.3									6.7	3.4
ENE	4.6	2.0	.1									6.7	3.1
E	2.0	1.0	.1									3.1	3.2
ESE	.7	.2										.9	2.9
SE	.7	.5	.1	.1								1.4	4.4
SSE	.9	.2	.2	.1								1.5	4.8
S	1.8	2.8	1.3	.3								6.2	5.1
SSW	3.2	4.3	2.5	.3								10.4	5.3
SW	1.2	3.6	1.0	.1								5.9	5.3
WSW	.6	1.3	.5									2.3	4.7
W	1.3	2.1	.3									3.7	4.1
WNW	.2	.6	.1									.9	4.5
NW	.6	.7	.1									1.4	4.4
NNW	.7	.6	.1	.1								1.5	4.2
VARBL													
CALM												36.2	
	28.0	26.4	8.3	1.2								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

868

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	6.7	2.2	.1								14.2	4.4
NNE	2.5	3.4	.3	.1								6.4	4.1
NE	1.4	1.4	.3									3.1	4.1
ENE	.8	1.1	.1									2.1	4.1
E	.5	.5		.1								1.0	4.3
ESE	.5	.1		.1								.7	4.3
SE	.1			.1								.2	7.0
SSE	.2	.1										.3	3.3
S	.9	.6	.7	.1								2.3	5.6
SSW	1.5	4.5	1.5	.4								7.7	5.3
SW	1.7	2.5	2.5	.6								7.3	6.1
WSW	2.4	2.1	.7									5.2	4.2
W	4.7	5.9	1.7	.1								12.4	4.4
WNW	2.2	2.6	.5									5.3	4.0
NW	.6	.6	.5									1.6	5.0
NNW	2.2	3.3	1.4	.1								7.0	4.9
VARBL													
CALM												23.1	
	27.4	35.4	12.4	1.7								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 871

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.T.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	8.0	2.8	.1								15.5	4.7
NNE	2.1	3.6	1.0	.5								7.2	4.9
NE	.7	.9	.2									1.8	4.3
ENE	.6	.7										1.3	3.5
E	.2			.3	.1							.7	10.2
ESE	.1	.1		.1								.3	6.0
SE	.1	.1	.1	.1								.5	6.8
SSE	.3	.2										.6	3.0
S	.2	.6	.6	.3								1.7	7.3
SSW	1.3	1.3	1.2	.5								4.2	5.9
SW	.7	.8	1.7	.5	.1							3.8	7.5
WSW	1.6	3.9	2.1	.7								8.3	5.9
W	3.8	15.4	7.7	.8								27.7	5.7
WNW	2.7	3.7	2.1	.1								8.5	5.1
NW	1.4	1.7	.7									3.8	4.4
NNW	2.3	1.8	1.6	.1								5.9	4.9
VARBL													
CALM												8.2	
	22.7	42.8	21.8	4.2	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	4.8	3.1	.2								10.1	5.7
NNE	.7	2.9	.7									4.3	4.9
NE	.5	.6	.1									1.2	3.9
ENE	.2	.2	.1									.6	4.4
E	.5	.3	.2									1.0	5.0
ESE	.1	.5	.3	.1								1.0	6.8
SE			.1	.3								.5	11.8
SSE		.2	.5	.3								1.0	9.2
S	.2	.2	.8	.6	.1							2.0	9.4
SSW	.5	.7	1.3	.8	.1							3.4	8.6
SW	.3	.7	.9	.2								2.2	6.7
WSW	1.2	3.4	2.9	.3	.1							7.9	6.4
W	2.2	14.5	20.5	3.7	.3							41.3	7.3
WNW	2.6	4.7	3.4	.3								10.9	5.7
NW	.7	1.7	.3									2.8	4.6
NNW	1.3	3.1	1.3									5.7	5.0
VARBL													
CALM												4.1	
	12.9	38.6	36.6	7.1	.7							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

860

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.2	.9	.1	.1							6.6	5.4
NNE	.8	1.6	.7	.1								3.3	5.3
NE	.1	.7	.1									.9	4.9
ENE	.3	.3	.2									.9	4.6
E	.1	.7	.1									.9	5.9
ESE		.3	.1		.1							.6	8.6
SE			.5									.5	9.5
SSE	.1	.5	.2	.6								1.4	8.7
S		.6	1.5	1.5		.1						3.7	10.1
SSW	.2	1.0	1.4	2.1	.1							4.9	9.7
SW	.6	.6	2.3	1.7								5.2	9.3
WSW	.9	2.6	2.3	1.0	.1							7.0	7.4
W	2.8	11.1	25.0	5.9	.5							45.3	7.9
WNW	.8	3.5	4.1	.5								8.8	6.5
NW	1.2	1.3	.6									3.0	4.2
NNW	1.0	1.9	.7	.1								3.7	5.3
VARBL													
CALM												3.3	
	10.3	30.9	40.8	12.7	.9	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 861

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS JUN MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.3	1.1									6.1	4.5
NNE	1.6	1.5	.3									3.4	4.0
NE	.7	.8	.3									1.8	4.5
ENE	.6	.1	.1									.8	4.0
E	.5	.7	.2									1.4	4.5
ESE	.5	.8	.9	.3								2.5	7.1
SE	.2	.5	.3	.1								1.1	5.8
SSE	.6	.7	1.0									2.3	5.8
S	.5	1.9	2.4	1.3	.1							6.2	8.0
SSW	.7	1.4	3.9	1.6	.2							7.8	8.6
SW	.3	1.1	2.3	1.1								4.9	8.3
WSW	.9	3.3	2.8	.8	.3							8.1	7.4
W	4.1	14.2	17.1	1.8								37.3	6.6
WNW	1.5	2.8	1.7	.1								6.1	5.4
NW	.3	1.4	.3									2.1	5.1
NNW	.7	1.3	.3	.2								2.5	5.1
VARBL													
CALM												5.5	
	15.3	35.8	35.3	7.5	.7							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 872

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANC:DRAGL 66-75 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.3	.7									6.9	4.0
NNE	1.9	1.8	.2									4.0	3.7
NE	1.9	1.1	.1									3.2	3.5
ENE	1.3	1.0										2.3	3.2
E	1.0	1.1	.1									2.3	3.6
ESE	.7	1.1	.5									2.3	4.4
SE	1.1	.6	.2	.1								2.1	4.3
SSE	2.2	.3	.3									2.9	3.6
S	2.1	2.3	1.3	.6								6.2	5.6
SSW	1.7	2.7	3.1	.6								8.1	6.5
SW	1.3	2.1	1.6	.8								5.7	6.4
WSW	1.4	2.5	.6									4.5	4.6
W	5.1	8.0	3.0	.6								16.7	4.9
WNW	1.8	1.0	1.0									3.9	4.4
NW	.6	.6	.1									1.3	4.0
NNW	.9	1.7	.1									2.7	3.8
VARBL													
CALM												25.1	
	27.9	31.5	12.9	2.6								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 874

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	2.5	.8									5.7	4.1
NNE	2.6	2.0	.5									5.0	3.6
NE	3.7	2.6	.2									6.5	3.5
ENE	2.5	1.9										4.3	3.1
E	2.5	1.1	.1									3.6	3.3
ESE	.8	.2	.1									1.2	3.3
SE	.4	.1										.5	2.8
SSE	1.4	.4	.2									2.0	3.2
S	2.7	3.0	.8	.1								6.7	4.5
SSW	2.3	3.4	3.5	.1								9.3	5.7
SW	.9	2.3	.9	.6								4.8	6.3
WSW	.9	2.1	.9	.1								4.1	5.1
W	1.8	1.5	1.1									4.3	4.5
WNW	.5	.2	.2									.9	4.5
NW	.9	.5	.4									1.8	4.1
NNW	.8	1.3	.5									2.6	4.9
VARBL													
CALM												36.7	
	27.1	25.0	10.3	.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

856

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

26401 ELMEUDORF AFB ALASKA/ANCHORAGE 66-75 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0300-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.2	1.1									7.0	4.4
NNE	3.2	2.1	.2									5.5	3.4
NE	5.1	2.0	.2									7.3	3.0
ENE	4.4	.9	.1									5.4	2.8
E	2.2	.6										2.8	2.7
ESE	.6	.4										.9	2.8
SE	.6	.4										.7	2.7
SSE	1.2	.5	.1									1.8	3.2
S	2.4	2.2	.2									4.8	3.6
SSW	2.5	3.4	1.9									7.8	5.0
SW	1.1	2.9	1.2	.4								5.5	5.8
WSW	.8	1.3	.2									2.4	4.5
W	1.7	1.2	.5	.1								3.4	4.3
WNW	.8	.6	.2									1.7	4.0
NW	.7	.2	.1									1.1	3.2
NNW	.8	1.5	.4									2.7	4.1
VARBL													
CALM												39.2	
	30.7	23.2	6.5	.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 848

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	6.2	1.3									11.2	4.4
NNE	3.8	2.7	.4									6.9	3.5
NE	2.1	1.3	.2									3.7	3.6
ENE	.8	1.1										1.9	3.4
E	.7	.1										.8	2.4
ESE	.2	.1										.4	2.3
SE	.1	.2										.4	3.3
SSE	.1	.1										.2	3.5
S	1.1	1.5	.1									2.7	4.0
SSW	1.3	4.6	1.5	.1								7.6	5.4
SW	2.2	3.0	1.2	.7	.1							7.2	5.6
WSW	2.0	2.1	1.1	.1								5.3	4.5
W	3.1	4.9	1.8	.1								9.8	4.9
WNW		1.9										3.9	3.4
NW	1.4	.8	.2									2.5	3.7
NNW	2.5	2.2	.8									5.6	4.2
VARBL													
CALM												29.9	
	27.3	32.9	8.6	1.1	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 845

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS JUL MONTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.0	6.5	.8									12.4	4.1
NNE	2.3	2.1	1.0									5.4	4.2
NE	1.0	1.5	.2									2.7	4.0
ENE	.7	.5										1.2	3.2
E	.1	.2										.4	4.0
ESE	.1											.1	3.0
SE	.2	.1										.4	2.7
SSE	.4											.4	2.3
S	.7	.5	.1									1.3	3.7
SSW	1.0	1.2	1.1	.2	.1							3.6	6.1
SW	1.2	2.3	.6	1.1								5.1	6.3
WSW	2.1	4.5	1.3	.5								8.5	5.2
W	4.9	12.6	6.5	.1								24.2	5.4
WNW	3.2	5.0	.4									8.6	4.1
NW	1.9	2.7	.5									5.1	4.2
NNW	3.6	3.2	1.9	.1								7.8	4.6
VARBL													
CALM												12.0	
	28.3	43.1	14.4	2.0	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 840

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.4	2.0									8.8	5.0
NNE	.6	2.4	.1									3.1	4.4
NE	.8	1.5	.6									3.0	5.0
ENE	.4	1.4										1.8	4.5
E	.4	.4	.4									1.1	4.7
ESE		.2										.2	5.5
SE	.2	.2										.5	3.3
SSE	.4	.1	.2	.1								.9	6.3
S	.1	.5	.5	.2								1.3	8.2
SSW	.2	.8	1.0	.8	.1							3.0	8.9
SW	.4	1.2	.6	.6								2.7	7.3
WSW	1.2	5.1	5.3	.2								11.9	6.4
W	2.4	16.2	17.8	2.4								38.7	6.9
WNW	2.1	3.9	1.7	.2								8.0	5.2
NW	1.8	1.1	1.0									3.8	4.6
NNW	1.9	2.9	1.2									5.9	4.7
VARBL													
CALM												5.5	
	15.2	42.3	32.3	4.6	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 842

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.3	1.9	.1								7.1	5.3
NNE	.8	2.3	.6									3.7	4.7
NE	.4	1.2										1.5	4.3
ENE	.2	.1	.1									.5	4.8
E	.2	.4	.4									.9	5.4
ESE	.2	.2	.1									.6	4.8
SE	.2		.2	.2								.7	7.8
SSE	.2	.1	.2	.4								.9	8.4
S	.1	.4	.5	.7								1.7	9.1
SSW	.4	.8	1.3	1.3	.1							3.9	8.5
SW	.2	.2	1.3	1.3								3.1	9.7
WSW	.2	2.8	4.6	.9								8.7	7.5
W	2.7	15.8	26.5	4.6	.1							49.7	7.4
WNW	1.5	3.3	2.1	.4								7.4	5.8
NW	.7	.9	.8	.2								2.7	5.9
NNW	.9	2.5	.7									4.2	4.9
VARBL													
CALM												2.7	
	11.0	34.4	41.4	10.2	.2							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

843

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 JUL
STATION MONTH
ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.8	.8	.1								6.5	4.7
NNE	1.3	1.3	.7									3.3	4.5
NE	1.2	.6	.1									1.9	3.3
ENE		.1										.1	5.0
E	.8	.1										.9	2.6
ESE	.2	.7	.1									1.1	4.6
SE	.5	.1										.6	3.4
SSE	.8	.5	.6	.2								2.1	5.8
S	.9	1.5	1.3	.2								4.0	5.8
SSW	1.2	1.9	2.7	.5								6.3	6.7
SW	.4	1.3	2.7	.6								5.0	7.8
WSW	1.2	3.2	2.7	.2								7.3	6.0
W	5.5	17.0	13.5	2.2								38.3	6.1
WNW	2.2	3.7	1.4	.2	.1							7.7	5.0
NW	1.1	.5	.2									1.8	3.4
NNW	1.3	1.7	1.3	.2								4.5	5.5
VARBL													
CALM												8.7	
	20.4	37.9	28.2	4.6	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 847

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMHENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.1	1.1									5.0	4.6
NNE	2.3	.9	.1									3.4	3.2
NE	2.1	.8										2.9	2.8
ENE	.8	.7										1.5	3.3
E	1.4	1.1	.2	.1								2.8	3.8
ESE	1.3	.6	.1									2.0	3.2
SE	.7	.7	.1									1.5	3.5
SSE	1.2	1.3		.1								2.6	4.0
S	1.6	3.3	.6	.2								5.8	4.7
SSW	1.8	3.5	3.1	.8								9.2	6.3
SW	.8	2.1	.9									3.9	5.1
WSW	1.5	2.2	1.6	.2								5.6	5.4
W	4.9	5.2	2.9	.1								13.1	4.6
WNW	1.1	1.5	.2	.1								2.9	4.2
NW	.8	.7	.5									2.0	5.0
NNW	1.9	.9	.5									3.3	3.8
VARBL													
CALM												32.4	
	26.2	27.7	12.0	1.8								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 852

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.8	3.3									9.1	5.5
NNE	4.7	3.3	.9									8.9	3.6
NE	5.3	3.1										8.4	3.2
ENE	5.1	2.0	.2									7.3	2.9
E	1.2	.6	.1									1.9	3.2
ESE	.7	.4										1.1	3.3
SE	.2	.1										.3	3.0
SSE	.9	.8	.1									1.8	3.4
S	1.6	3.1	1.6									6.2	5.2
SSW	.7	1.3	1.3	.8	.2							4.3	7.6
SW	.3	.6	.3	.1								1.3	5.5
WSW	.6	.3	.9	.1								1.9	6.3
W	.7	.6	.4									1.7	4.8
WNW	.6	.1										.7	2.3
NW	.6	.4	.6									1.6	5.5
NNW	.9	1.7	1.3									3.9	5.3
VARBL													
CALM												39.7	
	25.8	22.2	11.1	1.0	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 902

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENTORF AFB ALASKA/ANCHORAGE 66-75 AUG
STATION STATION NAME YEARS
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.4	2.8	.1								10.0	4.8
NNE	4.3	3.2	.4									7.9	3.6
NE	4.6	3.3	.1									8.0	3.4
ENE	5.3	3.2	.1									8.6	3.1
E	1.8	.8	.1									2.6	3.1
ESE	.8	.1		.1								1.0	3.6
SE	.6	.4	.1									1.1	4.0
SSE	.4	.3	.8									1.5	6.0
S	1.4	1.1	.6	.4								3.5	5.4
SSW	1.4	1.0	.7	.4	.1							3.6	6.1
SW	.6	.7	.7									1.9	5.2
WSW	.4	.4	.3									1.2	4.9
W	.3	.6										.9	3.9
WNW	.2	.1										.3	2.7
NW	.3	.4	.3									1.1	4.9
NNW	1.2	.7	1.4	.1								3.4	5.8
VARBL													
CALM												43.2	
	26.4	20.7	8.4	1.2	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	6.4	2.3	.4								14.6	4.6
NNE	4.5	4.1	1.0									9.6	3.9
NE	3.0	1.9										4.9	3.0
ENE	2.8	1.4	.2									4.4	3.3
E	1.7	.8	.1									2.5	3.4
ESE	.8	.6	.1									1.4	3.5
SE	.1	.1										.2	3.0
SSE	.4	.1										.6	3.0
S	.6	.9	.4	.2								2.1	5.6
SSW	.9	1.3	.9	.7								3.7	6.4
SW	1.1	1.1	.7	.1								3.0	5.0
WSW	.3	.9	.4	.3								2.0	6.6
W	2.0	1.0	.1									3.1	3.3
WNW	1.3	.3										1.7	2.6
NW	.8	1.0	.3									2.1	4.3
NNW	1.5	1.8	1.1	.2								4.6	5.0
VARB													
CALM												39.6	
	27.1	23.6	7.7	2.0								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS

907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	9.6	4.9	.3								20.1	5.1
NNE	3.5	6.2	1.8	.3								11.8	4.8
NE	1.3	.8	.2									2.3	3.9
ENE	.8	.9	.1									1.8	4.1
E	.3	.2										.6	3.2
ESE	.1											.1	1.0
SE				.1								.1	12.0
SSE	.3	.2										.6	3.6
S	.9	.4	.7	.3								2.3	6.2
SSW	.7	1.2	1.5	.2								3.7	6.4
SW	.8	1.5	1.1	.2								3.7	6.1
WSW	1.0	3.2	1.2									5.4	5.2
W	2.2	4.3	1.8	.3								8.6	5.2
WNW	2.2	2.4	.4									5.1	4.1
NW	3.1	1.7	.1									4.9	3.3
NNW	3.9	5.8	1.1	.1								10.8	4.4
VARBL													
CALM												18.1	
	26.4	38.5	14.9	2.0								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

904

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENTORF AFB ALASKA/ANCHORAGE 66-75 AUG
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	6.8	4.1	.8								15.1	5.6
NNE	2.8	3.9	1.8	.4	.1							9.0	5.2
NE	.4	2.0	.1									2.6	4.7
ENE	.8	.7		.1								1.6	3.9
E	.3	.7			.1							1.1	5.1
ESE	.2	.2										.4	3.3
SE	.2	.3	.1									.7	3.8
SSE	.4			.1								.6	4.2
S	.7	.2	1.4	.6	.1	.1						3.1	8.5
SSW	.3	.7	1.1	.7	.2							3.0	8.9
SW	.7	.8	1.2	.2								2.9	6.2
WSW	1.4	4.1	1.4									7.0	5.1
W	2.9	12.5	9.7	.2								25.3	6.0
WNW	1.8	3.8	1.0	.1								6.7	4.8
NW	.9	1.9	.6									3.3	4.6
NNW	2.2	4.2	2.1	.2								8.8	5.2
VARBL													
CALM												9.0	
	19.5	42.7	24.6	3.4	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 901

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	4.5	4.0	.8								12.0	5.8
NNE	2.4	2.2	1.3	.3								6.3	5.0
NE	.4	.9	.6									1.9	5.0
ENE	.8	.9										1.7	3.3
E	.3	.3	.2									.9	4.6
ESE	.3	.4	.1									.9	4.3
SE	.1	.1	.1									.3	5.3
SSE	.3		.7	.1								1.1	7.3
S	.6	.7	1.7	.4	.1							3.4	7.6
SSW	.8	.8	.8	.8	.1							3.2	7.7
SW	.1	.8	1.8									2.7	7.1
WSW	1.2	3.9	2.1	.2								7.4	5.8
W	3.8	16.9	13.3	1.3								35.2	6.2
WNW	1.3	2.9	2.0									6.2	5.3
NW	1.1	1.5	.2									2.9	4.1
NNW	2.2	2.4	1.3	.1								6.1	4.9
VARBL													
CALM												7.8	
	18.6	39.2	30.1	4.1	.2							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 905

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	3.9	2.2	.2	.1							9.6	5.0
NNE	2.4	2.3	.9	.3								5.9	4.6
NE	1.1	1.7										2.8	3.9
ENE	.6	.4		.1								1.1	4.0
E	.3	.8	.1									1.2	4.7
ESE	.1	.7	.1									.9	5.0
SE	.2	.2										.4	3.3
SSE	.4	.7	.3	.1								1.5	5.4
S	.8	1.4	1.4	.4								4.1	6.2
SSW	.7	2.2	2.0	.7								5.5	6.8
SW	.9	1.7	.9	.1								3.5	5.1
WSW	2.3	2.9	1.2									6.4	4.5
W	5.5	13.0	3.4	.1								22.0	4.7
WNW	2.5	3.4	.8									6.7	4.2
NW	1.8	1.2										3.0	3.6
NNW	.7	1.5	1.0	.2								3.4	5.8
VARBL													
CALM												21.9	
	23.5	37.9	14.3	2.3	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

908

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMHENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS
AUG MONTH
ALL WEATHER CLASS
2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	4.4	1.1									8.1	4.3
NNE	4.2	3.1	1.0	.2								8.5	4.0
NE	3.8	2.7	.4									6.9	3.5
ENE	2.5	.8	.7									4.0	3.7
E	1.2	.6										1.8	2.9
ESE	.9	.2	.1									1.2	2.6
SE	.2	.3		.1								.7	5.3
SSE	.7	.6	.1									1.3	3.8
S	1.9	2.2	1.4	.2								5.8	5.0
SSW	.9	1.9	2.0	.3	.2							5.3	6.9
SW	1.2	.4	.6									2.2	4.4
WSW	.9	.7	.2									1.8	3.9
W	1.4	1.0	.1	.1								2.7	3.8
WNW	.9	.9	.4									2.2	3.9
NW	.8	.7	.2									1.7	4.1
NNW	1.0	1.9	1.5	.1								4.5	5.7
VARBL													
CALM												41.5	
	25.0	22.2	10.0	1.1	.2							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 904

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.4	3.1	.7	.2							10.2	6.0
NNE	3.6	2.9	.7	.1								7.4	3.9
NE	7.1	5.3	.2	.1								12.8	3.4
ENE	5.8	3.5	.2	.1								9.6	3.4
E	1.6	1.6		.1								3.3	3.8
ESE	.5	.2	.1									.8	3.7
SE	.1	.1										.2	3.0
SSE	.6	.1	.1									.8	3.6
S	.3	1.5	1.0									2.8	5.2
SSW	.2	.6	1.4	.2	.2	.1						2.7	9.1
SW	.2	.7	.8	.1								1.8	6.3
WSW	.2	.2	.2									.7	5.5
W	.6		.1									.7	3.3
WNW	.2	.2	.2	.1								.8	5.7
NW	.3	.5		.1								.9	4.8
NNW	.9	2.0	1.6	.5								5.0	6.1
VARBL													
CALM												39.5	
	25.1	22.9	9.7	2.2	.5	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 883

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.8	3.2	.8	.1							10.9	5.9
NNE	4.1	3.9	.9	.1								9.0	4.3
NE	9.8	3.5	.8	.1								14.2	3.2
ENE	5.5	2.7	.3									8.5	3.2
E	2.5	.5	.1									3.1	3.0
ESE	.3	.3										.7	3.0
SE	.2	.1			.1							.5	7.3
SSE	.7	.3	.2									1.3	3.6
S	.7	1.6	.6	.2								3.1	5.8
SSW	.3	1.4	1.3	.2	.1							3.3	7.1
SW	.2	.9	.6	.1								1.8	6.3
WSW	.1	.3	.1	.1								.7	5.7
W	.5											.5	2.0
WNW	.2											.2	2.0
NW	.7	.7		.1								1.5	4.0
NNW	.7	.9	1.1	.1								2.8	5.9
VARBL													
CALM												37.9	
	29.6	21.0	9.2	1.9	.3							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

878

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	4.6	3.4	.3	.1							12.0	5.5
NNE	5.6	4.0	1.1	.6								11.2	4.2
NE	6.9	2.8	.6									10.3	3.1
ENE	6.3	2.7	.1	.1								9.3	3.1
E	1.9	.9	.2			.1						3.2	4.0
ESE	.3			.1								.5	4.5
SE	.3	.1										.5	2.8
SSE	.3	.3	.2		.1							1.0	6.1
S	1.1	.9	.2	.1								2.4	4.1
SSW	.6	1.5	1.4	.2								3.6	6.2
SW	.5	1.1	.6	.1								2.3	5.6
WSW	.2	.2	.2									.7	5.0
W	.2	.5	.6									1.2	5.8
WNW	.6	.1										.7	2.7
NW	.5	.2	.2	.1								1.0	5.6
NNW	1.0	.5	.6									2.0	4.4
VARBL													
CALM												38.1	
	29.9	20.5	7.4	1.7	.2	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 882

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS SEP NORTH
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.3	11.0	5.0	1.4	.1							23.7	5.4
N ¹	4.6	4.7	2.0	.5	.1							12.0	4.9
NE	1.2	2.7	.9	.1	.1							5.1	5.2
ENE	1.0	.9	.2									2.1	4.0
E	1.1	.5		.1								1.7	3.7
ESE	.5	.3										.8	3.3
SE	.3	.3	.1									.8	3.7
SSE	.5	.1		.2								.8	5.3
S	.7	.9	.3	.2	.1							2.3	6.3
SSW	.8	.5	.8	.2								2.7	5.7
SW	1.1	.6	.7	.3								2.7	5.6
WSW	1.5	1.6	.5	.1								3.6	4.4
W	1.5	1.6	.7									3.7	4.2
WNW	.8	1.1	.1									2.0	3.8
NW	1.6	.8										2.4	3.1
NNW	2.8	3.6	1.2	.2								7.7	4.6
VARBL													
CALM												25.6	
	26.3	31.6	12.5	3.4	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 885

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS SEP MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.8	9.7	5.0	1.3								22.8	5.3
NNE	3.1	5.8	2.6	.5	.2							12.2	5.5
NE	1.3	2.1	.1	.5								3.9	5.4
ENE	.8	.3										1.1	3.4
E	.8	.1	.2	.1								1.3	4.3
ESE	.5	.2	.1									.8	3.6
SE	.3		.1									.5	3.5
SSE	.3	.2		.1								.7	4.7
S	.5	.7	.5	.6	.1							2.3	7.5
SSW	.9	.6	1.3									2.7	5.9
SW	1.1	1.4	.2									2.7	4.1
WSW	2.7	2.1	.9	.3								6.0	4.4
W	3.5	5.0	2.5									11.1	4.8
WNW	1.7	2.3	.2									4.2	3.9
NW	1.7	1.4	.5									3.5	4.1
NNW	1.9	3.2	2.3	.5								7.9	5.6
VARBL													
CALM												16.3	
	28.1	35.0	16.5	3.8	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 877

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	6.5	5.2	.8	.2							16.3	5.9
NNE	4.7	4.2	.9	.6	.2							10.6	4.8
NE	1.0	1.8	1.0	.2								4.1	5.8
ENE	.9	1.0		.1								2.1	3.9
E	.3	.6	.1	.2								1.3	5.5
ESE	.2	.1	.3									.7	6.0
SE	.2		.1									.3	4.0
SSE	.5	.5	.2									1.1	4.3
S	.5	.8	1.7	.2	.1							3.3	7.0
SSW	.1	1.5	.5	.6								2.6	7.0
SW	.9	1.3	.6	.2								3.0	5.3
WSW	1.5	2.3	.9	.1								4.8	4.8
W	4.7	12.0	3.8	.1								20.5	4.9
WNW	1.9	1.3	.8									4.0	4.4
NW	1.1	1.0	.1	.1								2.4	4.1
NNW	1.7	2.7	1.5	.2								6.2	5.4
VARBL													
CALM												16.8	
	23.8	37.5	17.8	3.5	.6							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 877

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMHENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS SEP MONTH 1800-2000
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	4.3	3.7	.9	.2							12.8	6.1
NNE	3.7	2.3	1.1	.3	.2							7.7	4.8
NE	3.0	1.4	.2	.1	.1							5.4	3.8
ENE	1.7	2.1	.5									4.6	4.2
E	.8	.5	.1									1.4	3.6
ESE	.5	.3	.2									1.0	4.0
SE	.1	.1	.1									.3	4.3
SSE	.1	.1										.2	4.0
S	1.2	1.9	.6	.2	.1							4.1	5.1
SSW	.3	1.1	.7	.3	.1	.1						2.7	7.9
SW	.7	.9	.5	.1								2.1	5.2
WSW	.6	.8	.2	.1								1.7	5.1
W	3.3	2.9	.9	.1								7.2	4.2
WNW	1.4	1.1	.1	.1								2.7	4.2
NW	.9	1.4	.3									2.6	4.4
NNW	.9	3.0	1.0	.5	.1							5.5	5.8
VARBL													
CALM												37.9	
	22.8	25.2	10.3	2.8	.9	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 886

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.4	3.2	.9	.2							10.9	6.4
NNE	5.0	3.7	2.0	.3								11.0	4.4
NE	7.8	3.8	1.0		.1							12.7	3.7
ENE	3.0	3.5	.7									7.2	3.8
E	2.1	1.0			.1							3.3	3.5
ESE	.6											.6	2.6
SE	.1	.1										.2	4.5
SSE	.5		.1									.6	3.8
S	.7	1.6	.7		.1							3.0	5.6
SSW	.3	1.2	.9	.2	.1	.1						2.9	7.4
SW	.2	.1	.1									.5	5.0
WSW	.6	.2	.3									1.1	5.1
W	.6	.2	.1									.9	3.6
WNW	.2	.2	.1									.6	4.8
NW	1.0	.6	.2									1.8	4.1
NNW	.6	1.6	1.6									3.7	5.8
VARBL													
CALM												39.0	
	25.5	22.3	11.0	1.5	.7	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 888

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENTORF AFB ALASKA/ANCHORAGE 66-75 YEARS OCT MONTH
0000-0200 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	5.8	6.4	2.9								17.4	7.2
NNE	5.5	4.7	3.6	.7	.1							14.6	5.1
NE	6.0	4.0	.9		.1							11.0	3.7
ENE	5.2	3.5	.3	.1								9.1	3.5
E	2.6	1.0		.1	.1							3.8	3.7
ESE	.2	.2	.1									.5	4.6
SE	.3		.1									.4	3.3
SSE	.4	.1		.1	.1							.8	6.9
S	.5	.9	.7	.4								2.5	7.2
SSW	.7	.8	1.4	1.0	.5							4.4	9.6
SW		.5	.7	.2								1.4	7.7
WSW		.1	.1									.2	5.5
W	.1	.2										.3	3.3
WNW	.4	.3	.1	.2								1.1	6.5
NW	.1	.2	.1	.1								.5	6.4
NNW	1.0	1.0	1.2									3.2	5.6
VARBL													
CALM												28.6	
	25.5	23.4	12.7	5.8	1.0							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MFAN WIND SPEED
N	2.0	4.3	6.3	2.8	.1							15.5	7.4
NNE	5.3	4.5	2.5	.5	.1							13.0	5.0
NE	5.6	3.7	1.2									10.5	4.0
ENE	5.2	3.3	.1	.1								8.7	3.2
E	2.9	1.3	.1	.1								4.5	3.1
ESE	.4	.1										.5	2.8
SE	.2	.2		.1								.5	4.8
SSE	.3	.2	.1	.2	.1							1.0	8.3
S	.5	.7	1.0	.7								2.8	7.3
SSW	.9	.8	2.2	1.4	.3	.1						5.7	9.1
SVV	.2	.3	.3									.9	5.8
WSW		.2	.1									.3	5.3
W	.1	.3	.2	.1								.8	7.1
WNW	.1	.2		.1								.4	6.8
NW	.2	.1	.4									1.2	8.8
NNW	.1	.9	1.3	.2								2.5	7.3
VARBL													
CALM												31.1	
	24.2	21.1	15.9	6.9	.7	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 916

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.2	3.8	3.5	.3							15.4	7.4
NNE	4.0	4.3	3.0	.4								11.7	5.1
NE	6.4	4.0	.4	.1								10.9	3.4
ENE	5.7	4.3	.2									10.3	3.4
E	2.2	1.5	.1									3.9	3.3
ESE	.7	.4										1.1	3.2
SE	.1	.1										.2	3.0
SSE	.3	.1	.1	.1								.7	5.7
S	.1	.8	1.8	.4								3.1	8.0
SSW	.3	.4	1.2	1.7	.2							3.9	10.1
SW	.1	.2	.3	.3								1.0	8.1
WSW	.1	.2		.1								.4	6.0
W		.2	.3									.6	7.6
WNW	.1		.1	.1								.3	7.7
NW	.1	.1	.4	.2								.9	8.3
NNW	.4	1.1	1.4		.4	.1						3.5	8.4
VARBL													
CALM												32.2	
	23.3	23.4	3.3	7.1	1.0	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 905

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

UCT
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	8.1	4.6	3.5	.3	.1						21.6	6.7
NNL	4.8	6.8	3.2	.7								15.5	5.2
NE	2.4	4.8	.8	.1	.1							8.2	4.6
ENE	3.4	1.9	.2	.1								5.6	3.5
E	2.9	1.3	.4	.1								4.7	3.5
ESE	.7	.5										1.2	3.5
SE	.9	.1	.1									1.1	3.3
SSE	.5	.4	.7									1.6	5.3
S	.4	.5	1.3	.3								2.6	7.5
SSW	.2	1.0	1.2	1.0	.2							3.6	9.0
SW	.5	.5	.3	.2								1.6	5.8
WSW	.3	.7	.1	.2								1.3	6.1
W	.3	1.0	.4									1.8	5.3
WNW	.2											.2	2.5
NW	.2	.4	.2	.4								1.3	7.5
NNW	1.0	.8	1.0	.2		.2						3.2	6.8
VARBL													
CALM												24.6	
	23.8	29.0	14.6	6.9	.7	.3						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS OCT MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	11.9	5.8	2.8	.2	.1	.1					25.3	5.6
NNE	4.3	8.1	5.0	.6	.1							18.0	5.5
NE	2.0	2.4	1.7	.1		.4						6.5	6.0
ENE	.8	1.0	.2	.2	.1							2.3	5.8
E	1.4	1.2	.1	.1								2.9	3.9
ESE	.7	.3	.1									1.1	3.5
SE	.4	.2										.7	3.2
SSE	.6	.3	.2	.1	.1							1.3	5.8
S	1.5	1.3	1.4	.8								5.1	6.1
SSW	1.0	1.0	.7	.9								3.5	6.8
SW	.4	.9	.8	.3								2.4	6.7
WSW	.6	.7	.3	.2								1.8	6.1
W	1.3	.9	.8	.1								3.1	4.8
WNW	.9	.4	.3									1.7	4.1
NW	.7	.3	.3	.1								1.4	4.6
NNW	1.4	1.9	.7	.6	.1	.1						4.7	6.2
VARBL													
CALM												18.2	
	22.3	32.9	18.4	6.8	.7	.6	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 906

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS JCT NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.9	5.5	8.1	2.8	.1	.2						20.5	7.2
NNE	6.3	7.9	2.5	1.0								17.8	5.0
NE	3.0	4.2	.8									7.9	4.2
ENE	1.5	1.7	.3	.1								3.6	4.4
E	2.0	.8	.2	.1								3.1	3.6
ESE	.6	.3			.1							1.0	4.4
SE	.6	.1										.7	3.0
SSE	.6	.3		.2	.1							1.2	6.5
S	1.0	1.2	1.1	.3	.1							3.8	6.6
SSW	1.2	1.0	1.1	1.1	.1							4.5	7.7
SW	.6	.7	.1	.1								1.4	4.6
WSW		.6	.2									.8	6.6
W	1.2	1.4	.2	.2	.1							3.2	5.1
WNW	.6	.6	.6	.1								1.8	5.8
NW	.2	.4										.7	3.8
NNW	1.2	1.8	.4	.6								4.0	5.6
VARBL													
CALM												24.1	
	24.3	28.5	15.7	6.6	.7	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 906

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS UCT NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	6.2	6.5	2.3	.1	.3						17.8	7.2
NNE	3.9	4.5	3.3	.4								12.1	5.3
NE	7.1	5.3	1.2	.3								13.9	3.9
ENE	4.6	3.6	.2	.1	.1							8.7	3.7
E	1.3	.4	.1									1.9	2.9
ESE	.3	.2	.1	.1								.8	5.7
SE	.4	.2		.1								.8	4.6
SSE	.3	.1			.2							.7	8.5
S	.9	1.1	.8	.4	.1							3.3	6.7
SSW	.3	.8	1.1	1.3								3.5	9.2
SW		.3	.1	.1								.6	7.6
WSW	.2	.1	.3	.1								.8	6.7
W	.2	.4										.7	4.2
WNW	.1	.1	.6	.2								1.0	8.7
NW	.1	.3	.2									.7	5.7
NNW	.9	1.1	.6	.6								3.1	6.4
VARBL													
CALM												29.9	
	23.0	24.9	15.1	6.2	.6	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS OCT MONTH 2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	5.3	8.1	2.1	.3	.1						17.6	7.5
NNE	4.1	5.4	2.9	.7								13.6	5.2
NE	5.7	5.2	.6	.4	.3							12.2	4.4
ENE	5.9	3.7	.6	.1								10.4	3.5
E	2.0	.9	.1									3.0	3.1
ESE	.6	.1										.7	3.0
SE	.2				.1							.3	7.0
SSE		.1	.2	.1	.1	.1						.7	13.3
S	.9	.9	.4	.6	.3							3.1	7.3
SSW	.1	.8	1.2	1.4	.2	.1						3.9	10.3
SW	.2		.1	.2								.6	8.6
WSW		.1	.2									.3	7.0
W	.6		.1									.7	3.3
WNW	.3	.2	.2									.8	5.0
NW	.2		.4	.1								.8	7.0
NNW	.7	.9	.7	.1								2.3	5.4
VARBL													
CALM												29.8	
	23.1	23.6	15.9	5.8	1.4	.3						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMHENDORF AFB ALASKA/ANCHORAGE
STATION NAME

06-75
YEARS

NJV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.8	3.6	1.4	.1							10.3	7.1
NNE	5.4	6.0	4.5	1.3								17.3	5.5
NE	8.6	6.6	1.0	.1	.3							16.9	4.0
ENE	7.4	8.1	1.0									16.6	3.7
E	3.6	3.4	.2									7.2	3.5
ESE	.7	.5	.1									1.3	3.8
SE	.1	.1										.2	3.5
SSE	.3	.1		.2								.7	6.2
S	.6	.5	.7	.5	.1							2.3	7.8
SSW	.1	.1	.1	.2								.6	8.0
SW	.1	.1	.1	.1								.5	7.8
WSW					.2							.2	18.5
W	.1	.2										.3	4.0
WNW				.1								.1	14.0
NW	.3	.3										.7	3.7
NNW	.3	.7	.2	.5	.1							1.9	7.4
VARBL													
CALM												22.9	
	29.2	30.6	11.9	4.4	.9							102.0	3.8

TOTAL NUMBER OF OBSERVATIONS

863

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS MONTH NORTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.8	2.1	1.6	.2	.2						.2	8.0
NNE	4.3	7.5	5.1	.6								17.5	5.5
NE	6.9	6.7	1.7	.2	.1							15.7	4.2
ENE	8.7	8.9	.9	.2								18.7	3.8
E	4.0	1.7	.5									6.2	3.1
ESE	.6		.1									.7	3.2
SE	.2			.1								.2	5.3
SSE	.1	.6			.1	.1						.9	8.4
S	.6	.2	.3									1.2	4.7
SSW	.5	.5	.5	.2	.1							1.7	7.5
SW	.1	.2	.1									.5	4.8
WSW	.3	.3	.1	.1								.9	4.9
W	.1	.2										.3	3.7
WNW		.2	.2									.5	6.0
NW	.1	.2	.2									.6	6.0
NNW	.5	.3	.7	.3								1.8	7.1
VARBL													
CALM												24.5	
	28.0	30.5	12.6	3.5	.6	.3						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 865

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

NTV
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.1	2.8	1.3								9.3	6.3
NNE	5.5	5.9	2.7	.1								15.2	4.8
NE	8.2	7.2	1.6									17.0	3.8
ENE	9.2	7.4	.9	.1								17.6	3.5
E	4.4	2.1	.1	.1								6.7	3.2
ESE		.6			.1							.9	5.9
SE	.5	.2										.7	3.0
SSE	.3	.2	.3									.9	4.9
S	.3	.7	.8	.1	.1							2.1	7.7
SSW	.5	.5	.8	.1								2.3	7.4
SW		.3	.2									.6	6.6
WSW	.1	.1										.2	3.5
W	.1	.1	.1									.3	4.7
WNW	.1	.3										.5	5.3
NW	.1	.2	.1									.5	5.5
NNW	.2	.3	.6									1.2	6.4
VARBL													
CALM												24.0	
	32.1	29.3	12.1	2.3	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 867

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS NOV MONTH
0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.8	4.2	1.6								12.0	6.7
NNE	6.5	7.5	3.2	.6								17.8	4.9
NE	5.2	7.2	1.0	.6								14.0	4.4
ENE	5.9	5.7	.6									12.1	3.7
E	3.5	2.9	.8	.1								7.3	4.0
ESE	.6	.3										.9	3.6
SE	.2											.2	2.5
SSE	.3	.2	.1									.7	4.2
S	.1	1.0	.3	.2								1.7	6.4
SSW	.5	.3	.3	.3								1.5	6.9
SW	.1	.2	.2	.1	.1							.8	9.1
WSW	.6		.1									.7	3.3
W	.1	.2		.1								.5	6.3
WNW	.2	.1	.2									.6	5.4
NW	.2	.1										.3	2.7
NNW	.9	1.0	.8	.3	.2							3.3	6.4
VARBL													
CALM												25.5	
	27.4	30.7	12.0	4.0	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	5.3	3.8	.8								14.2	5.5
NNE	4.5	10.3	4.3	.6	.1							19.8	5.3
NE	5.9	5.3	1.3	.1								12.6	4.0
ENE	4.9	4.6	.9									10.4	3.9
E	4.1	2.4	.5	.1								7.1	3.7
ESE	.6	.5	.1	.1								1.3	4.6
SE	.7	.1										.8	2.3
SSE	.6	.3	.2	.3								1.5	7.0
S	.3	.8	.5	.2								2.0	6.3
SSW	.6	.6	1.0	.9	.1							3.2	8.3
SW	.1	.2	.1	.3	.1							.9	9.4
WSW	.6											.6	2.4
W	.6		.1	.1								.8	4.4
WNW	.3	.2	.2									.8	5.3
NW	.3	.1		.1								.6	4.4
NNW	.3		1.0	.3								1.7	7.9
VARBL													
CALM												21.6	
	28.7	31.0	14.3	4.2	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

862

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 66-75 YEARS MONTH NOV
1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.4	3.3	1.3	.1							10.2	6.6
NNE	5.3	8.7	3.2	.7								17.9	5.0
NE	7.1	4.8	1.1	.1								13.2	3.8
ENE	8.0	5.6	.5									14.1	3.4
E	2.4	2.4	.3									5.2	3.8
ESE	.8	.2	.3									1.4	4.0
SE		.2										.2	4.0
SSE	.6	.1	.1	.2								1.0	5.4
S	.8	.9	.7	.7	.1							3.2	7.1
SSW	.2	.5	.5	.5								1.6	7.7
SW	.3	.6	.2									1.1	5.1
WSW		.3		.1								.5	7.5
W		.5	.1									.6	6.0
WNW	.1	.1	.2									.5	5.5
NW	.2	.1	.2									.8	5.1
NNW	.7	.5	.9	.3								2.4	6.9
VARBL													
CALM												26.0	
	29.0	29.1	11.8	3.9	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 870

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS
ALL WEATHER CLASS
CONDITION
N3V NORTH
1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.3	3.7	1.7								9.3	7.4
NNE	4.5	6.8	3.9	1.5								16.7	5.6
NE	7.9	8.5	1.7	.2								18.4	4.1
ENE	7.4	7.5	1.5									16.4	3.9
E	2.5	1.6	.5	.1								4.7	3.7
ESE	.6	.3										.9	3.0
SE	.5											.5	1.5
SSE	.6		.2	.2	.1							1.2	7.2
S	.1	.3	1.3	.2	.2							2.2	9.0
SSW	.3	.3	.8	.5								2.0	8.4
SW	.1	.3	.2	.1								.8	6.7
WSW	.1	.2										.3	4.0
W	.3	.2	.3									.9	5.3
WNW	.1	.3										.5	3.8
NW			.1									.1	7.0
NNW	.3	.9	.7									2.0	5.5
VARBL													
CALM												23.2	
	27.1	29.8	15.0	4.6	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 868

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
2100-2300
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.0	3.3	1.7	.1							11.0	7.0
NNE	5.8	7.5	5.2	1.5								20.0	5.6
NE	7.9	7.2	1.2	.3								16.5	4.0
ENE	7.0	6.9	.8									14.8	3.7
E	3.8	2.0	.1									5.9	3.1
ESE	.1											.1	2.0
SE	.1		.2									.3	6.3
SSE	.2		.2	.1	.1							.7	8.8
S	.2	.8	.3	.3	.2							2.0	8.5
SSW		.1	.3	.2								.7	9.5
SW	.5	.2		.1								.8	5.4
WSW	.1	.1										.2	3.5
W	.2											.2	3.0
WNW	.2	.1	.2									.6	4.6
NW		.3	.1									.5	5.5
NNW	.6	.5	.5	.1								1.6	4.9
VARBL													
CALM												24.1	
	28.5	29.8	12.6	4.5	.5							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE STATION NAME 66-75 YEARS DEC MONTH 0000-0200 HOURS (L & T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.7	3.0	1.3	.7							7.4	8.9
NNE	4.4	5.4	3.3	1.7	.7	.2	.1					15.7	6.8
NE	6.4	7.3	2.2	.3	.4							16.6	4.7
ENE	6.8	8.1	.3									15.3	3.7
E	4.0	3.9	.4	.2								8.5	3.9
ESE	1.2	1.0	.1	.1								2.4	3.6
SE	.4	.2										.7	3.0
SSE	.4											.4	2.8
S	.6	.7	.2	.4	.2							2.1	7.4
SSW	.6	.6	1.0	1.1	.6	.1						3.9	10.1
SW	.1	.1	.4	.2	.1							1.0	9.1
WSW	.1	.1										.2	3.0
W	.2	.2	.1									.6	4.0
WNW	.4	.2		.1								.8	4.3
NW	.1	.3	.2	.1								.8	7.0
NNW	.3	.8	.2	.6		.1						2.0	7.7
VARBL													
CALM												21.7	
	26.9	30.5	11.6	6.2	2.6	.4	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	2.1	2.4	1.8	.2	.1						8.5	8.6
NNE	4.1	4.9	2.4	.9	.3	.4	.1					14.1	6.4
NE	6.7	6.1	1.5	.2								14.6	4.1
ENE	8.2	8.8	.7	.1								17.8	3.8
E	4.4	3.3	.2									7.9	3.4
ESE	1.9	.6		.1								2.5	3.1
SE	.4	.4		.2								1.1	5.6
SSE	.4	.2										.7	3.3
S	.7	.9	.3	.2								2.1	5.3
SSW	.3	.8	1.5	1.2	.2	.1						4.2	9.8
SW	.3	.2	.2	.1								.9	5.4
WSW	.2	.4	.2	.2								1.1	6.8
W	.4	.3	.1									.9	4.1
WNW	.1	.2	.1									.4	4.8
NW	.1	.2	.1	.1								.6	6.8
NNW	.7	.3	.6	.2								1.8	5.6
VARBL													
CALM												20.9	
	30.3	29.8	11.5	5.4	1.3	.7	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.6	2.4	1.3	.1	.1	.1					8.2	7.7
NNE	3.7	5.7	4.2	1.3	.1	.2						15.2	6.4
NE	5.5	6.3	1.6	.3	.1							13.9	4.4
ENE	7.7	10.3	.7	.1								18.7	3.8
E	4.6	4.2	.4									9.2	3.7
ESE	1.2	.4										1.6	2.5
SE	.2											.2	1.5
SSE	.7											.7	2.5
S	.3	.5	.3	.3	.1							1.6	7.5
SSW	.5	.7	.8	.8	.2	.2						3.2	10.1
SW	.3	.3	.3	.1								1.1	6.1
WSW	.1	.2	.1	.1								.5	6.4
W	.2	.4	.2									.9	4.9
WNW		.2										.2	5.0
NW		.1										.1	5.0
NNW	.1	.2	.2	.1		.2						1.4	7.5
VARBL													
CALM												23.2	
	27.2	32.3	11.3	4.5	.7	.8	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 914

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMDORF AFB ALASKA/ANCHORAGE 66-75
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
DEC
MONTH
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.9	2.8	.8	.2							7.1	7.1
NNE	4.2	5.4	3.5	1.9	.4	.1	.1					15.7	6.6
NE	6.7	6.0	2.2	.1								15.0	4.3
ENE	6.4	8.7	1.7									16.8	4.1
E	4.2	4.4	.8									9.4	4.0
ESE	1.4	.4		.1		.1						2.1	4.2
SE	.4	.2	.1									.8	4.1
SSE	.4			.1								.6	4.2
S	1.3	.6	.3	.1	.1	.2						2.6	6.7
SSW	.7	.7	1.2	.9								3.4	6.1
SW		.6	.2	.1								.9	7.5
WSW	.1	.3	.1									.6	4.6
W	.6	.4	.1									1.1	4.1
WNW													
NW	.3	.1										.4	2.8
NNW		.4	.7	.1	.2							1.4	9.0
VARBL													
CALM												22.2	
	28.3	30.1	13.7	4.2	1.0	.4	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 906

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

J. MENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.2	4.1	2.1	.4							12.6	7.5
NNE	4.0	6.1	3.1	.6		.2	.1					4.0	5.8
NE	5.3	7.1	1.5	.3								14.3	4.4
ENE	6.1	7.5	1.2	.1								14.9	4.1
E	4.8	2.7	.7	.1								8.2	3.8
ESE	.8	.6	.1	.1								1.5	4.4
SE	.1	.1		.1								.3	6.3
SSE	.6		.1	.4								1.1	8.3
S	.2	.7	.3	.4		.1						1.8	8.8
SSW	.3	.9	.4	1.0	.1	.1						2.9	9.3
SW	.3	.3		.1	.1							.9	6.9
WSW	.6	.4	.1									1.1	4.0
W	.7	.2	.1									1.0	3.9
WNW	.1		.1									.2	5.5
NW		.1										.1	5.0
NNW	.4	.1		.1								.7	4.5
VARBL													
CALM												24.4	
	27.0	29.9	11.9	5.5	.7	.4	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 905

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	2.5	1.2	.3	.1						8.7	7.4
NNE	3.5	5.4	4.4	1.1		.1	.1					14.6	6.2
NE	7.2	6.1	.8	.3								14.3	4.0
ENE	7.0	8.1	.7									15.8	3.6
E	5.2	3.5	.9									9.6	3.6
ESE	1.0	.8	.2									2.0	3.7
SE	.3	.1	.1									.6	3.8
SSE	.4	.2	.2			.1						1.0	6.4
S	.7	.9	.4	.1	.1	.1						2.3	6.5
SSW	.4	.7	.8	.8	.2	.1						3.0	9.6
SW	.1	.2	.1	.1	.1							.7	8.7
WSW	.1	.1	.1									.3	4.3
W	.3	.6	.1									1.0	4.3
WNW	.3	.1	.2									.7	5.2
NW	.2	.1	.2									.6	5.4
NNW	.4		.1	.2								.8	6.3
VARBL													
CALM												24.2	
	29.0	29.6	11.9	3.9	.8	.6	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 909

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

26401 ELMLANDORF AFB ALASKA/ANCHORAGE 66-75
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
1800-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	3.2	1.2	.2	.6						8.3	8.9
NNE	4.2	5.1	3.9	.8	.1	.1						14.1	5.6
NE	6.8	4.6	1.5	.3								13.3	4.0
ENE	8.9	8.6	1.0	.2								18.7	3.9
E	5.3	4.0	.7									9.9	3.7
ESE	1.3	.7	.1									2.1	3.2
SE	.8	.2										1.0	2.0
SSE	.1	.2			.2							.4	9.6
S	.6	.8	.4	.1	.2							2.1	6.9
SSW	.6	.7	1.4	.8	.1	.1						3.6	8.9
SW	.1	.3	.2	.2		.1						1.0	9.0
WSW	.2	.2	.1									.6	4.8
W		.1										.1	6.0
WNW		.3	.3	.1								.8	7.6
NW	.2	.1		.1								.4	5.3
NNW	.4	.3	.2	.1								1.1	4.9
VARBL													
CALM												22.3	
	30.7	28.2	13.1	4.0	.9	.9						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 907

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26461 STATION ELMENTORF AFB ALASKA/ANCHORAGE 66-75 YEARS DEC
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.2	2.5	2.1	.4							9.7	7.8
NNE	3.6	4.0	3.7	.8	.1	.1	.1					12.4	6.2
NE	5.9	7.0	1.4	.3								14.8	4.2
ENE	9.0	6.7	1.0	.1								16.9	3.7
E	4.1	5.0	.3	.6								9.9	4.2
ESE	.6	.7	.1									1.3	4.1
SE	.1											.1	3.0
SSE	.1	.8			.2							1.1	7.2
S	.8	1.3	.2	.2	.1							2.6	5.5
SSW	.3	.8	.7	.7	.3	.4						3.2	11.7
SW	.1	.2	.2		.2							.8	9.5
WSW	.1	.3										.4	4.8
W		.2										.2	5.5
WNW	.4		.1									.6	3.6
NW	.1	.2		.3								.7	8.3
NNW	.4	.3	.2	.4	.2							1.7	8.8
VARBL													
CALM												23.7	
	27.2	30.7	10.6	5.5	1.7	.6	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

26401 ELIENDORF AFB ALASKA/ANCHORAGE 66-75 ALL
STATION STATION NAME YEARS MONTH
INSTRUMENT
CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	5.6	4.7	1.9	.1	.0						15.5	6.4
NNE	5.0	5.8	3.0	.2	.0							14.0	4.8
NE	4.0	3.2	.3	.1								8.0	3.8
ENE	3.6	2.7	.3	.0	.0							6.6	3.5
E	1.8	1.2	.1									3.1	3.3
ESE	.5	.2	.0		.0	.0						.7	4.1
SE	.4	.1	.1									.6	3.2
SSE	.5	.1	.1	.0			.0					.7	4.1
S	1.1	1.6	1.2	.4	.0							4.3	6.0
SSW	.8	2.2	2.0	.9	.2	.0						6.0	7.3
SW	.4	1.3	.8	.3	.0	.0						2.9	6.5
WSW	.6	.9	.3	.2	.0							2.0	5.4
W	1.2	1.9	.8	.1								4.0	4.9
WNW	.7	.7	.1									1.5	4.0
NW	.5	.4	.1	.0								.9	3.8
NNW	.8	1.0	.3	.2								2.3	5.1
VARBL													
CALM												26.9	
	24.9	28.5	14.6	4.2	.4	.1	.0					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 5690

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{3}$	$\geq \frac{1}{4}$	≥ 0	
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .

For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENHORF AFB ALASKA/ANCHORAGE
STATION NAME

66-76
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.6	36.9	37.1	37.2	37.3	37.4	37.5	37.7	37.7	37.9	38.1	38.1	38.3	38.4	38.5	38.7
≥ 20000	38.7	40.1	40.2	40.3	40.5	40.5	40.6	40.8	40.9	41.0	41.1	41.1	41.3	41.5	41.6	41.9
≥ 18000	39.4	40.8	41.0	41.1	41.2	41.3	41.4	41.6	41.6	41.8	42.0	42.1	42.2	42.3	42.5	42.7
≥ 16000	39.8	41.2	41.4	41.5	41.6	41.7	41.8	42.0	42.0	42.2	42.4	42.5	42.5	42.7	42.9	43.1
≥ 14000	40.8	42.3	42.4	42.5	42.7	42.7	42.8	43.0	43.1	43.3	43.5	43.5	43.7	43.8	43.9	44.1
≥ 12000	43.5	45.0	45.2	45.3	45.4	45.5	45.6	45.7	45.8	46.0	46.2	46.3	46.4	46.5	46.7	46.9
≥ 10000	47.9	49.4	49.6	49.7	49.8	49.9	50.0	50.2	50.3	50.4	50.5	50.7	50.9	51.0	51.1	51.3
≥ 9000	50.7	52.3	52.5	52.6	52.7	52.8	52.9	53.1	53.1	53.3	53.5	53.5	53.7	53.8	54.0	54.2
≥ 8000	56.0	57.6	57.8	57.9	58.1	58.2	58.3	58.5	58.5	58.7	58.9	59.0	59.1	59.2	59.4	59.6
≥ 7000	62.0	63.5	64.1	64.2	64.4	64.4	64.6	64.3	64.8	65.0	65.0	65.2	65.2	65.4	65.5	65.9
≥ 6000	66.4	68.6	68.8	68.9	69.1	69.2	69.3	69.5	69.6	69.7	69.9	70.0	70.2	70.3	70.4	70.6
≥ 5000	73.1	76.0	76.3	76.4	76.6	76.6	76.8	77.0	77.0	77.2	77.4	77.5	77.7	77.8	77.9	78.1
≥ 4500	76.0	79.1	79.4	79.6	79.8	79.6	80.0	80.2	80.2	80.4	80.6	80.7	80.9	81.0	81.1	81.3
≥ 4000	78.8	82.4	82.7	82.9	83.1	83.1	83.3	83.5	83.6	83.7	84.0	84.0	84.2	84.3	84.5	84.7
≥ 3500	80.3	84.3	84.6	84.8	85.0	85.1	85.2	85.4	85.5	85.7	85.9	86.0	86.2	86.3	86.4	86.6
≥ 3000	81.6	86.1	86.6	86.8	87.0	87.1	87.2	87.5	87.6	87.7	88.0	88.0	88.2	88.3	88.5	88.7
≥ 2500	82.6	87.5	88.1	88.3	88.7	88.7	88.9	89.2	89.3	89.4	89.7	89.7	89.9	90.0	90.2	90.4
≥ 2000	83.4	89.1	89.8	90.1	90.5	90.6	90.8	91.1	91.2	91.4	91.6	91.7	91.9	92.0	92.2	92.4
≥ 1800	83.6	89.3	90.1	90.4	90.8	91.0	91.2	91.5	91.6	91.8	92.0	92.1	92.3	92.4	92.6	92.8
≥ 1500	83.9	90.0	90.9	91.3	91.8	91.9	92.3	92.6	92.7	93.0	93.2	93.3	93.4	93.6	93.7	93.9
≥ 1200	84.2	90.6	91.5	91.9	92.5	92.7	93.0	93.5	93.6	93.9	94.1	94.2	94.4	94.5	94.6	94.8
≥ 1000	84.3	90.9	91.9	92.3	93.0	93.2	93.5	94.0	94.2	94.5	94.7	94.8	95.0	95.1	95.3	95.5
≥ 900	84.4	91.0	92.0	92.5	93.1	93.4	93.7	94.2	94.4	94.7	95.0	95.1	95.3	95.4	95.5	95.7
≥ 800	84.5	91.2	92.3	92.7	93.4	93.6	94.1	94.6	94.8	95.1	95.4	95.5	95.7	95.8	95.9	96.2
≥ 700	84.6	91.4	92.5	93.0	93.7	94.0	94.4	94.9	95.2	95.5	95.8	95.9	96.1	96.2	96.4	96.6
≥ 600	84.7	91.7	92.8	93.3	94.1	94.3	94.8	95.4	95.6	96.0	96.3	96.4	96.6	96.7	96.9	97.1
≥ 500	84.8	92.0	93.2	93.7	94.5	94.8	95.4	96.0	96.2	96.6	97.0	97.1	97.3	97.4	97.6	97.8
≥ 400	84.9	92.3	93.5	94.1	95.0	95.3	95.9	96.6	96.8	97.3	97.7	97.8	98.0	98.2	98.3	98.5
≥ 300	84.9	92.4	93.7	94.3	95.2	95.6	96.2	97.0	97.3	97.8	98.2	98.3	98.6	98.8	99.0	99.2
≥ 200	84.9	92.5	93.8	94.4	95.4	95.8	96.4	97.2	97.5	98.1	98.5	98.7	99.0	99.2	99.4	99.7
≥ 100	84.9	92.5	93.8	94.5	95.4	95.8	96.5	97.2	97.5	98.1	98.6	98.7	99.1	99.3	99.5	100.0
≥ 0	84.9	92.5	93.8	94.5	95.4	95.8	96.5	97.2	97.5	98.1	98.6	98.7	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

79036

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING - FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	42.7	47.7	48.4	48.7	49.4	49.6	50.0	50.6	50.9	51.5	52.1	52.3	53.0	53.6	54.1	55.1
≥ 20000	44.4	49.6	50.4	50.7	51.4	51.6	52.0	52.7	53.0	53.5	54.2	54.4	55.1	55.7	56.3	57.3
≥ 18000	44.8	50.0	50.7	51.1	51.8	52.0	52.4	53.0	53.4	53.9	54.6	54.8	55.5	56.1	56.6	57.7
≥ 16000	45.0	50.3	51.0	51.3	52.0	52.2	52.6	53.3	53.6	54.1	54.8	55.0	55.7	56.3	56.9	57.9
≥ 14000	45.4	50.7	51.5	51.8	52.5	52.7	53.1	53.8	54.1	54.7	55.4	55.5	56.3	56.9	57.4	58.4
≥ 12000	46.5	52.0	52.7	53.1	53.8	54.0	54.4	55.1	55.4	55.9	56.5	56.8	57.6	58.1	58.7	59.7
≥ 10000	49.0	54.6	55.3	55.7	56.4	56.6	57.0	57.7	58.0	58.6	59.3	59.5	60.2	60.8	61.3	62.4
≥ 9000	50.2	55.9	56.6	57.0	57.7	57.9	58.3	59.0	59.3	59.8	60.5	60.7	61.5	62.1	62.6	63.6
≥ 8000	52.9	58.7	59.5	59.8	60.5	60.7	61.2	61.8	62.2	62.7	63.4	63.6	64.3	64.9	65.5	66.5
≥ 7000	55.7	62.1	62.8	63.1	63.9	64.0	64.5	65.2	65.5	66.1	66.8	67.0	67.7	68.3	68.8	69.9
≥ 6000	57.8	64.3	65.1	65.5	66.2	66.4	66.9	67.7	68.0	68.6	69.3	69.5	70.2	70.8	71.3	72.4
≥ 5000	61.0	63.9	68.8	69.2	70.0	70.2	70.7	71.4	71.7	72.3	72.9	73.2	73.9	74.5	75.1	76.1
≥ 4500	63.4	70.6	71.4	71.8	72.6	72.8	73.3	74.1	74.4	75.0	75.7	75.9	76.6	77.2	77.8	78.8
≥ 4000	65.0	72.4	73.3	73.7	74.5	74.7	75.2	75.9	76.3	76.9	77.6	77.8	78.5	79.1	79.7	80.7
≥ 3500	66.0	73.8	74.6	75.1	75.9	76.1	76.6	77.4	77.7	78.3	79.0	79.2	79.9	80.5	81.1	82.1
≥ 3000	67.1	75.4	76.2	76.7	77.5	77.7	78.3	79.0	79.4	80.0	80.7	80.9	81.6	82.2	82.8	83.8
≥ 2500	67.9	76.5	77.7	78.2	79.1	79.4	79.9	80.7	81.1	81.7	82.4	82.6	83.3	83.9	84.5	85.5
≥ 2000	68.5	78.1	79.5	80.2	81.2	81.4	82.1	82.9	83.3	83.9	84.6	84.8	85.5	86.1	86.7	87.7
≥ 1800	68.6	78.5	79.9	80.7	81.7	81.9	82.7	83.5	83.9	84.5	85.2	85.4	86.1	86.7	87.3	88.3
≥ 1500	68.9	79.3	80.8	81.7	82.9	83.2	84.1	85.1	85.5	86.2	86.9	87.1	87.8	88.4	89.0	90.0
≥ 1200	69.1	79.9	81.5	82.4	83.8	84.1	85.0	86.1	86.6	87.3	88.0	88.2	89.0	89.6	90.1	91.1
≥ 1000	69.4	80.5	82.1	83.0	84.4	84.8	85.8	86.9	87.5	88.3	89.0	89.2	90.0	90.6	91.2	92.2
≥ 900	69.4	80.6	82.2	83.2	84.6	85.0	85.9	87.2	87.7	88.5	89.4	89.6	90.3	90.9	91.5	92.5
≥ 800	69.4	80.8	82.4	83.4	84.9	85.3	86.3	87.6	88.2	89.1	89.9	90.1	90.9	91.5	92.1	93.1
≥ 700	69.5	81.1	82.8	83.8	85.3	85.7	86.8	88.1	88.7	89.7	90.5	90.7	91.5	92.1	92.7	93.8
≥ 600	69.6	81.4	83.2	84.2	85.8	86.2	87.4	88.7	89.3	90.4	91.2	91.5	92.3	92.9	93.5	94.5
≥ 500	69.7	81.7	83.5	84.6	86.2	86.7	87.9	89.3	89.9	91.1	92.0	92.3	93.1	93.8	94.4	95.4
≥ 400	69.7	81.9	83.8	85.0	86.7	87.2	88.5	89.9	90.6	91.9	92.8	93.1	94.0	94.7	95.3	96.4
≥ 300	69.8	82.0	84.1	85.3	87.0	87.6	88.9	90.4	91.1	92.5	93.0	93.9	94.7	95.7	96.4	97.4
≥ 200	69.8	82.1	84.2	85.4	87.2	87.8	89.2	90.8	91.5	93.0	94.2	94.6	95.0	96.8	97.6	98.8
≥ 100	69.8	82.1	84.2	85.5	87.3	87.9	89.3	90.9	91.6	93.2	94.5	95.0	96.3	97.4	98.4	99.9
≥ 0	69.8	82.1	84.2	85.5	87.3	87.9	89.3	90.9	91.6	93.2	94.5	95.0	96.3	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS

3999

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

7-76

YEARS

FFIS
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/16	≥0
NO CEILING	35.3	37.7	38.2	38.3	38.7	38.8	38.0	39.4	39.5	39.9	40.4	40.5	40.0	40.9	41.3	41.0
≥20000	37.7	40.3	40.8	40.9	41.3	41.3	41.6	42.0	42.1	42.6	43.1	43.1	43.4	43.5	43.7	44.2
IV 18000	38.3	40.9	41.4	41.5	41.9	42.0	42.2	42.6	42.7	43.2	43.6	43.8	44.0	44.2	44.6	44.9
IV 16000	38.5	41.1	41.6	41.7	42.1	42.2	42.4	42.8	42.9	43.4	43.8	43.9	44.2	44.4	44.8	45.0
IV 14000	39.4	42.0	42.5	42.6	43.0	43.1	43.3	43.7	43.8	44.3	44.7	44.9	45.1	45.3	45.7	46.0
IV 12000	41.5	44.2	44.7	44.8	45.2	45.3	45.5	45.9	46.0	46.5	46.7	47.0	47.1	47.5	47.9	48.2
IV 10000	44.5	47.2	47.7	47.8	48.2	48.3	48.5	48.9	49.1	49.6	50.0	50.1	50.4	50.6	50.9	51.2
IV 9000	47.2	49.9	50.4	50.5	50.9	51.0	51.2	51.6	51.8	52.3	52.7	52.8	53.1	53.3	53.7	54.0
IV 8000	51.5	54.5	55.1	55.2	55.6	55.7	56.0	56.4	56.5	57.0	57.4	57.6	57.8	58.0	58.4	58.7
IV 7000	57.1	60.7	61.3	61.5	61.9	62.0	62.2	62.6	62.8	63.2	63.7	63.8	64.1	64.3	64.7	65.0
IV 6000	61.1	65.2	65.8	66.0	66.4	66.5	66.7	67.2	67.3	67.8	68.3	68.4	68.7	68.9	69.2	69.5
IV 5000	65.6	70.4	71.0	71.2	71.6	71.7	72.0	72.4	72.5	73.0	73.3	73.5	73.7	74.1	74.4	74.7
IV 4500	68.3	73.4	74.0	74.1	74.6	74.7	75.0	75.4	75.5	76.0	76.5	76.7	76.9	77.1	77.5	77.8
IV 4000	70.8	76.4	77.0	77.2	77.7	77.8	78.1	78.5	78.7	79.1	79.5	79.7	80.0	80.2	80.6	80.9
IV 3500	72.6	79.7	79.4	79.6	80.2	80.3	80.5	81.0	81.1	81.6	82.0	82.2	82.5	82.6	83.0	83.3
IV 3000	74.2	81.4	82.5	82.7	83.3	83.4	83.8	84.2	84.4	84.9	85.2	85.5	85.7	85.9	86.3	86.6
IV 2500	74.9	82.9	84.2	84.4	85.2	85.4	85.7	86.2	86.4	86.9	87.3	87.5	87.7	88.0	88.4	88.7
IV 2000	75.5	84.3	85.9	86.3	87.3	87.6	87.9	88.5	88.7	89.3	89.7	89.9	90.1	90.4	90.8	91.1
IV 1800	75.5	84.6	86.2	86.8	87.8	88.1	88.5	89.1	89.3	89.9	90.3	90.5	90.7	91.0	91.4	91.7
IV 1500	75.6	84.7	86.7	87.5	88.6	89.0	89.5	90.2	90.6	91.2	91.7	91.9	92.1	92.4	92.7	93.0
IV 1200	75.7	85.3	87.2	88.1	89.4	89.8	90.4	91.2	91.7	92.4	92.9	93.1	93.3	93.6	94.0	94.3
IV 1000	75.7	85.7	87.7	88.7	90.0	90.4	91.1	92.1	92.7	93.5	94.1	94.3	94.5	94.8	95.2	95.5
IV 900	75.7	85.8	87.8	88.8	90.1	90.6	91.3	92.3	92.9	93.8	94.4	94.5	94.9	95.1	95.5	95.8
IV 800	75.7	85.8	87.9	88.8	90.2	90.7	91.5	92.6	93.2	94.2	94.8	95.0	95.4	95.6	96.0	96.3
IV 700	75.8	85.9	88.0	89.0	90.4	90.9	91.8	92.9	93.5	94.5	95.2	95.4	95.8	96.0	96.4	96.7
IV 600	75.8	85.9	88.1	89.1	90.6	91.2	92.0	93.3	94.0	95.2	95.9	96.1	96.5	96.7	97.1	97.4
IV 500	75.9	86.0	88.3	89.4	90.9	91.5	92.5	93.8	94.5	95.7	96.4	96.7	97.1	97.3	97.7	98.0
IV 400	75.9	86.2	88.5	89.6	91.2	91.8	92.8	94.2	94.9	96.3	97.0	97.2	97.7	97.9	98.3	98.6
IV 300	75.9	86.2	88.6	89.7	91.4	92.0	93.1	94.5	95.2	96.7	97.4	97.7	98.1	98.4	98.8	99.2
IV 200	75.9	86.3	88.7	89.8	91.4	92.1	93.2	94.7	95.5	97.0	97.8	98.1	98.5	98.8	99.3	99.6
IV 100	75.9	86.3	88.7	89.8	91.5	92.1	93.3	94.7	95.5	97.0	97.9	98.2	98.6	99.0	99.5	100.0
IV 0	75.9	86.3	88.7	89.8	91.5	92.1	93.3	94.7	95.5	97.0	97.9	98.2	98.6	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

5705

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMEUDRF AFB ALASKA/ANCHORAGE 7-76

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1'	≥0
NO CEILING	45.0	45.3	45.9	45.9	45.9	46.0	46.1	46.3	46.4	46.5	46.9	47.1	47.2	47.2	47.2	47.3
≥ 20000	47.7	48.5	48.6	48.6	48.6	48.7	48.8	48.9	49.1	49.3	49.7	49.9	49.9	49.9	50.0	50.1
≥ 18000	48.3	49.2	49.2	49.3	49.3	49.4	49.5	49.7	49.8	49.9	50.3	50.5	50.5	50.6	50.6	50.7
≥ 16000	48.8	49.7	49.7	49.8	49.8	49.9	50.0	50.2	50.3	50.4	50.6	51.0	51.0	51.1	51.1	51.2
≥ 14000	50.0	50.9	51.0	51.0	51.0	51.1	51.2	51.4	51.5	51.7	52.1	52.2	52.3	52.3	52.4	52.5
≥ 12000	52.5	53.5	53.6	53.6	53.7	53.7	53.8	54.0	54.1	54.3	54.7	54.9	54.9	55.0	55.0	55.1
≥ 10000	56.3	57.3	57.4	57.4	57.4	57.5	57.6	57.8	57.9	58.0	58.5	58.6	58.7	58.8	58.8	58.9
≥ 9000	58.4	59.5	59.6	59.6	59.7	59.7	59.8	60.0	60.1	60.3	60.7	60.7	60.7	61.0	61.0	61.1
≥ 8000	61.8	63.0	63.1	63.1	63.2	63.2	63.3	63.5	63.6	63.8	64.2	64.3	64.4	64.5	64.5	64.6
≥ 7000	66.3	67.6	67.6	67.7	67.7	67.8	67.9	68.1	68.2	68.4	68.5	68.9	69.1	69.1	69.2	69.2
≥ 6000	69.5	70.7	71.0	71.1	71.1	71.2	71.3	71.5	71.6	71.7	72.1	72.3	72.4	72.5	72.5	72.6
≥ 5000	75.2	77.1	77.3	77.3	77.4	77.5	77.6	77.8	77.9	78.0	78.4	78.6	78.7	78.8	78.8	78.9
≥ 4500	77.5	79.7	79.8	80.0	80.0	80.1	80.2	80.5	80.6	80.7	81.1	81.3	81.4	81.5	81.5	81.6
≥ 4000	80.4	82.8	83.1	83.2	83.4	83.4	83.6	83.8	83.9	84.1	84.5	84.7	84.8	84.9	84.9	85.0
≥ 3500	82.1	84.9	85.2	85.4	85.5	85.6	85.8	86.0	86.1	86.3	86.7	86.8	87.0	87.0	87.1	87.2
≥ 3000	83.6	86.7	87.0	87.2	87.4	87.5	87.7	88.1	88.2	88.3	88.7	88.9	89.0	89.1	89.1	89.2
≥ 2500	84.9	88.5	89.0	89.4	89.7	89.9	90.2	90.5	90.7	90.8	91.2	91.4	91.5	91.6	91.6	91.7
≥ 2000	85.6	89.9	90.6	91.0	91.5	91.7	92.1	92.6	92.7	92.9	93.3	93.5	93.6	93.7	93.7	93.8
≥ 1800	85.7	90.2	90.9	91.4	91.8	92.1	92.4	92.9	93.0	93.3	93.7	93.8	93.9	94.0	94.1	94.2
≥ 1500	86.1	90.8	91.7	92.1	92.8	93.2	93.7	94.3	94.4	94.7	95.1	95.3	95.4	95.5	95.6	95.7
≥ 1200	86.2	91.2	92.2	92.7	93.5	94.0	94.5	95.1	95.4	95.7	96.1	96.3	96.4	96.5	96.5	96.6
≥ 1000	86.4	91.4	92.4	92.9	93.8	94.2	94.8	95.5	95.8	96.1	96.6	96.7	96.9	97.0	97.1	97.1
≥ 900	86.4	91.5	92.5	93.0	93.9	94.4	95.0	95.8	96.1	96.4	96.9	97.1	97.3	97.3	97.4	97.5
≥ 800	86.5	91.6	92.6	93.3	94.2	94.7	95.4	96.2	96.6	96.9	97.4	97.7	97.8	97.8	97.9	98.0
≥ 700	86.6	91.8	92.8	93.4	94.4	94.9	95.7	96.6	97.0	97.3	97.9	98.1	98.3	98.3	98.4	98.5
≥ 600	86.7	92.0	93.1	93.7	94.7	95.3	96.0	97.0	97.4	97.7	98.3	98.6	98.7	98.7	98.8	98.9
≥ 500	86.7	92.1	93.2	93.8	94.9	95.5	96.3	97.3	97.7	98.1	98.7	98.9	99.1	99.1	99.2	99.3
≥ 400	86.8	92.2	93.3	93.9	95.0	95.6	96.5	97.5	97.9	98.4	99.0	99.2	99.3	99.4	99.5	99.6
≥ 300	86.8	92.2	93.3	93.9	95.0	95.6	96.6	97.6	98.0	98.5	99.1	99.3	99.5	99.5	99.6	99.7
≥ 200	86.8	92.2	93.3	94.0	95.0	95.6	96.6	97.7	98.1	98.6	99.2	99.5	99.6	99.8	99.8	99.9
≥ 100	86.8	92.2	93.3	94.0	95.0	95.6	96.6	97.7	98.1	98.6	99.3	99.5	99.6	99.8	99.8	100.0
≥ 0	86.8	92.2	93.3	94.0	95.0	95.6	96.6	97.7	98.1	98.6	99.3	99.5	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

6555

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

7-71, 73-76

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	37.8	36.3	38.3	38.3	38.3	38.3	38.3	38.4	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.7
≥ 20000	40.5	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4	41.5	41.5	41.5	41.5	41.5
≥ 18000	41.7	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7
≥ 16000	42.3	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.3
≥ 14000	43.1	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.1
≥ 12000	46.2	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.1	47.2	47.2	47.2	47.2	47.2
≥ 10000	51.5	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.6
≥ 9000	54.5	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.5	55.5	55.5	55.5	55.5
≥ 8000	59.7	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.8	60.9	60.9	60.9	60.9	60.9
≥ 7000	65.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.2	67.3	67.3	67.3	67.3	67.3
≥ 6000	70.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2
≥ 5000	76.6	78.0	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4500	79.7	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	83.1	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9
≥ 3500	85.2	87.6	87.7	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3
≥ 3000	86.5	89.5	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2500	87.4	91.0	91.3	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	88.3	92.3	92.9	93.1	93.4	93.5	93.7	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2
≥ 1800	88.4	92.5	93.1	93.4	93.7	93.7	94.0	94.1	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1500	88.6	93.0	93.8	94.1	94.5	94.6	94.9	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5
≥ 1200	86.7	93.3	94.2	94.5	95.0	95.1	95.5	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
≥ 1000	88.7	93.5	94.5	95.0	95.5	95.6	96.1	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 900	88.7	93.6	94.5	95.0	95.6	95.8	96.3	96.7	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	88.7	93.6	94.7	95.2	95.8	96.0	96.5	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
≥ 700	88.8	93.8	94.8	95.3	96.0	96.2	96.8	97.3	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.2
≥ 600	88.9	93.8	94.9	95.4	96.1	96.3	96.9	97.5	97.7	98.0	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	89.0	94.1	95.2	95.7	96.4	96.7	97.3	98.0	98.1	98.5	98.8	98.8	98.9	98.9	98.9	98.9
≥ 400	89.0	94.3	95.4	96.0	96.7	97.0	97.7	98.4	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.4
≥ 300	89.0	94.3	95.5	96.0	96.8	97.2	97.9	98.7	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8
≥ 200	89.0	94.3	95.5	96.1	96.9	97.3	98.0	98.7	98.9	99.4	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	89.0	94.3	95.5	96.1	96.9	97.3	98.0	98.7	98.9	99.4	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	89.0	94.3	95.5	96.1	96.9	97.3	98.0	98.8	99.0	99.4	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6301

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

67-71, 73-76

YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	38.3	37.6	38.0	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4
≥ 18000	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 16000	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	46.3	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 9000	60.5	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 7000	72.1	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 6000	78.9	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	86.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500	89.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	92.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
≥ 3500	93.1	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	94.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 2500	94.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1800	95.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	95.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1200	96.0	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 1000	96.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 900	96.0	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 800	96.1	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.2	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 600	96.2	98.9	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 500	96.2	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.2	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.2	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	96.2	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.2	99.1	99.4	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.2	99.2	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6497

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

26-71,72-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	29.3 34.8	29.6 35.3	29.9 35.6	30.0 35.7	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8	30.1 35.8
IV 18000 IV 16000	35.7 36.2	36.2 36.7	36.5 37.0	36.7 37.2	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3	36.8 37.3
IV 14000 IV 12000	37.8 42.4	38.3 42.9	38.6 43.3	38.8 43.4	38.8 43.5	38.8 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5	38.9 43.5
IV 10000 IV 9000	49.8 54.0	50.5 54.7	50.8 55.0	51.0 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2	51.1 55.2
IV 8000 IV 7000	61.1 63.8	61.8 62.6	62.2 62.9	62.3 63.0	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1	62.4 63.1
IV 6000 IV 5000	74.8 83.0	75.8 84.6	76.1 85.0	76.3 85.1	76.3 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2	76.4 85.2
IV 4500 IV 4000	85.6 88.7	87.2 90.7	87.7 91.1	87.8 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3	87.9 91.3
IV 3500 IV 3000	90.3 91.5	92.5 94.1	93.0 94.5	93.1 94.7	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8	93.2 94.8
IV 2500 IV 2000	92.5 93.4	95.4 96.6	96.0 97.2	96.1 97.4	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5	96.2 97.5
IV 1800 IV 1500	93.6 94.0	96.9 97.5	97.5 98.0	97.7 98.3	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4
IV 1200 IV 1000	94.2 94.4	97.8 98.1	98.4 98.7	98.6 98.9	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1	98.8 99.1
IV 900 IV 800	94.5 94.5	98.1 98.2	98.7 98.9	99.0 99.1	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3	99.2 99.3
IV 700 IV 600	94.6 94.6	98.3 98.3	98.9 99.0	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4
IV 500 IV 400	94.7 94.8	98.5 98.6	99.2 99.3	99.4 99.5	99.6 99.7	99.6 99.7	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8	99.7 99.8
IV 300 IV 200	94.8 94.8	98.7 98.7	99.3 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
IV 100 IV 0	94.8 94.8	98.7 98.7	99.4 99.4	99.6 99.6	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8

TOTAL NUMBER OF OBSERVATIONS

6321

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

66-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1
≥ 18000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 16000	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
IV 14000	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
IV 12000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 10000	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 9000	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 8000	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 7000	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 6000	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 5000	78.1	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 4500	82.2	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	85.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	87.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
IV 3000	88.4	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2500	89.5	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2000	90.5	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 1800	90.7	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	91.3	95.3	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1200	91.8	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
IV 1000	92.1	96.9	97.3	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	92.3	97.3	97.6	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	92.6	97.7	98.2	98.4	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	92.6	97.8	98.4	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	92.7	98.1	98.7	98.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	92.7	98.3	98.9	99.1	99.4	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	92.8	98.3	99.0	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	92.8	98.4	99.0	99.2	99.5	99.5	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	92.8	98.4	99.1	99.3	99.5	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
IV 100	92.8	98.4	99.1	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	92.8	98.4	99.1	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6565

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMHORSE AFB ALASKA/ANCHORAGE

66-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING ≥ 20000	30.5	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.2	31.3
IV 18000	34.7	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.6
IV 16000	35.0	35.4	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.8	35.9
IV 14000	36.4	36.9	36.9	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.3	37.4
IV 12000	39.3	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.2	40.3
IV 10000	44.3	44.8	44.9	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.4
IV 9000	47.2	47.9	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.4	48.4
IV 8000	55.8	56.6	56.7	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2
IV 7000	64.7	65.0	65.7	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2
IV 6000	71.1	72.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.9
IV 5000	80.3	82.5	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.3
IV 4500	83.2	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.6
IV 4000	85.5	88.5	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.4	89.4
IV 3500	86.9	90.2	90.5	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.2
IV 3000	88.2	91.8	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	93.0
IV 2500	88.9	92.8	93.3	93.5	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.2
IV 2000	89.6	94.1	94.7	94.9	95.1	95.1	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	95.6
IV 1800	89.7	94.2	94.9	95.1	95.3	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.8
IV 1500	90.2	94.9	95.6	95.8	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.5	96.5
IV 1200	90.5	95.4	96.1	96.3	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.0	97.1
IV 1000	90.7	95.8	96.5	96.8	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.6
IV 900	90.8	95.9	96.6	96.9	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.6	97.7
IV 800	90.9	96.1	96.9	97.3	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	98.0	98.1
IV 700	91.0	96.3	97.1	97.4	97.7	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.2	98.2
IV 600	91.1	96.5	97.3	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.6
IV 500	91.2	96.8	97.6	98.0	98.3	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.1
IV 400	91.3	96.7	97.8	98.3	98.6	98.7	99.0	99.1	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.5
IV 300	91.3	96.9	97.8	98.4	98.7	98.8	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.7	99.8
IV 200	91.3	96.9	97.8	98.4	98.8	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 100	91.3	96.9	97.8	98.4	98.8	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
IV 0	91.3	96.9	97.8	98.4	98.8	98.9	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS

7240

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

11-75
YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	35.1
≥ 20000	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.4
≥ 18000	38.6	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.3
≥ 16000	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.7
≥ 14000	39.9	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.5	40.7
≥ 12000	43.1	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.7	43.8
≥ 10000	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	49.1
≥ 9000	51.3	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.2
≥ 8000	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	58.0
≥ 7000	64.9	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.1	66.3
≥ 6000	70.9	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.8
≥ 5000	79.5	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.9	82.1
≥ 4500	82.7	84.9	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.6
≥ 4000	85.5	88.2	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.8	89.0
≥ 3500	86.6	89.9	90.1	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.5	90.7
≥ 3000	87.7	91.6	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.5
≥ 2500	88.2	92.2	92.5	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	93.2
≥ 2000	88.9	93.3	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.4
≥ 1800	89.0	93.4	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.3	94.5
≥ 1500	89.2	94.0	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.9	95.1
≥ 1200	89.4	94.4	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.6
≥ 1000	89.5	94.6	95.0	95.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.7	95.9
≥ 900	89.6	94.6	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.8	96.0
≥ 800	89.6	94.8	95.3	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.2
≥ 700	89.7	95.2	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.8
≥ 600	89.9	95.5	96.1	96.4	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.3
≥ 500	90.0	95.8	96.6	97.0	97.3	97.3	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	98.0
≥ 400	90.1	96.2	97.1	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.8
≥ 300	90.1	96.4	97.3	97.9	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.1	99.1	99.4
≥ 200	90.1	96.5	97.5	98.0	98.5	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.6
≥ 100	90.1	96.6	97.5	98.0	98.5	98.6	98.9	99.1	99.1	99.2	99.3	99.3	99.4	99.5	99.5	100.0
≥ 0	90.1	96.6	97.5	98.1	98.5	98.6	98.9	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

7055

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20401 STATION ELMEUDORF AFB ALASKA/ANCHORAGE 6-75 YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	35.0	35.8	35.9	35.9	36.0	36.0	36.0	36.2	36.2	36.3	36.3	36.4	36.5	36.5	36.7	36.9
≥ 20000	37.4	38.3	38.3	38.3	38.4	38.4	38.5	38.6	38.6	38.7	38.8	38.8	38.9	38.9	39.1	39.3
IV 18000	38.1	38.9	39.0	39.0	39.1	39.1	39.1	39.3	39.3	39.4	39.4	39.5	39.6	39.6	39.8	40.0
IV 16000	38.5	39.4	39.4	39.4	39.5	39.5	39.6	39.7	39.7	39.8	39.9	39.9	40.0	40.1	40.2	40.4
IV 14000	39.6	40.5	40.6	40.6	40.7	40.7	40.7	40.8	40.9	41.0	41.0	41.1	41.1	41.2	41.4	41.6
IV 12000	41.9	42.8	42.9	42.9	43.0	43.0	43.0	43.2	43.2	43.3	43.3	43.4	43.5	43.6	43.7	43.9
IV 10000	45.0	46.0	46.0	46.0	46.1	46.1	46.2	46.3	46.3	46.4	46.5	46.5	46.6	46.7	46.8	47.0
IV 9000	47.8	48.8	48.9	48.9	49.0	49.0	49.2	49.2	49.3	49.3	49.4	49.5	49.5	49.7	49.7	49.9
IV 8000	52.1	53.3	53.3	53.4	53.5	53.5	53.5	53.6	53.7	53.7	53.8	53.8	53.9	54.0	54.2	54.4
IV 7000	57.1	58.6	58.7	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.2	59.2	59.3	59.4	59.5	59.8
IV 6000	61.4	63.3	63.4	63.5	63.5	63.5	63.6	63.8	63.8	63.9	64.0	64.0	64.1	64.2	64.3	64.6
IV 5000	68.6	71.6	71.7	71.8	71.9	71.9	72.0	72.1	72.2	72.3	72.4	72.4	72.5	72.6	72.7	73.0
IV 4500	71.3	74.6	74.7	74.8	74.9	74.9	75.0	75.2	75.2	75.3	75.4	75.4	75.6	75.6	75.8	76.0
IV 4000	74.3	78.1	78.3	78.3	78.5	78.5	78.6	78.8	78.9	79.0	79.1	79.1	79.2	79.3	79.5	79.7
IV 3500	75.9	79.9	80.1	80.1	80.3	80.3	80.5	80.6	80.7	80.8	80.9	80.9	81.1	81.2	81.3	81.5
IV 3000	77.3	81.8	82.0	82.1	82.3	82.3	82.5	82.7	82.7	82.9	83.0	83.0	83.1	83.2	83.4	83.6
IV 2500	78.6	83.7	84.0	84.0	84.3	84.3	84.5	84.7	84.8	85.0	85.1	85.1	85.2	85.3	85.4	85.7
IV 2000	80.3	85.5	86.9	87.1	87.4	87.5	87.8	88.0	88.1	88.3	88.4	88.4	88.5	88.6	88.8	89.0
IV 1800	80.5	87.0	87.5	87.6	88.0	88.1	88.3	88.6	88.7	88.9	88.9	89.0	89.1	89.2	89.3	89.6
IV 1500	80.9	87.9	88.5	88.7	89.2	89.2	89.6	89.9	90.0	90.2	90.3	90.3	90.4	90.5	90.7	90.9
IV 1200	81.3	88.8	89.5	89.7	90.2	90.4	90.7	91.0	91.1	91.4	91.5	91.5	91.6	91.7	91.8	92.1
IV 1000	81.5	89.1	90.0	90.3	90.9	91.1	91.4	91.7	91.9	92.1	92.2	92.2	92.4	92.5	92.6	92.9
IV 900	81.5	89.2	90.1	90.5	91.1	91.2	91.6	91.9	92.1	92.4	92.5	92.5	92.7	92.8	92.9	93.1
IV 800	81.6	89.5	90.3	90.7	91.3	91.5	91.8	92.2	92.4	92.7	92.8	92.8	92.9	93.0	93.2	93.4
IV 700	81.6	89.7	90.6	91.0	91.5	91.7	92.1	92.5	92.7	93.0	93.1	93.1	93.3	93.4	93.5	93.7
IV 600	81.8	90.1	91.1	91.5	92.1	92.3	92.7	93.1	93.3	93.7	93.8	93.9	94.1	94.2	94.3	94.5
IV 500	82.1	91.0	92.0	92.5	93.2	93.4	93.8	94.3	94.6	95.1	95.2	95.3	95.5	95.6	95.8	96.0
IV 400	82.4	91.8	93.0	93.5	94.3	94.5	95.0	95.6	96.0	96.6	96.6	96.8	97.2	97.3	97.5	97.7
IV 300	82.4	92.1	93.4	94.0	95.0	95.3	95.9	96.6	97.1	97.8	98.1	98.3	98.5	98.6	98.9	99.2
IV 200	82.5	92.2	93.6	94.3	95.4	95.7	96.4	97.1	97.6	98.4	98.7	98.8	99.1	99.3	99.5	99.9
IV 100	82.5	92.2	93.6	94.3	95.4	95.7	96.4	97.2	97.6	98.4	98.7	98.8	99.1	99.3	99.6	100.0
IV 0	82.5	92.2	93.6	94.3	95.4	95.7	96.4	97.2	97.6	98.4	98.7	98.8	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7274

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

95-75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS OF DAY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 14	≥ 0
NO CEILING	36.3	38.1	38.4	38.5	38.6	38.8	38.9	39.2	39.2	39.4	39.8	39.9	40.2	40.3	40.5	40.8
≥ 20000	38.7	40.5	40.6	40.9	41.1	41.2	41.4	41.6	41.6	41.8	42.2	42.3	42.7	42.8	43.0	43.3
≥ 18000	39.1	41.0	41.3	41.4	41.5	41.6	41.8	42.1	42.1	42.2	42.7	42.8	43.1	43.3	43.5	43.7
≥ 16000	39.4	41.3	41.5	41.6	41.8	41.9	42.1	42.3	42.4	42.5	42.9	43.1	43.4	43.5	43.7	44.0
≥ 14000	39.8	41.8	42.0	42.1	42.3	42.4	42.6	42.8	42.9	43.0	43.4	43.6	43.9	44.0	44.3	44.5
≥ 12000	42.5	44.5	44.6	44.9	45.0	45.1	45.3	45.5	45.6	45.7	46.2	46.3	46.6	46.8	47.0	47.2
≥ 10000	45.5	47.5	47.8	47.9	48.1	48.2	48.4	48.6	48.6	48.8	49.2	49.3	49.7	49.8	50.0	50.3
≥ 9000	47.2	50.0	50.2	50.3	50.5	50.6	50.8	51.0	51.1	51.2	51.7	51.8	52.2	52.3	52.5	52.8
≥ 8000	51.9	54.1	54.3	54.4	54.6	54.7	54.9	55.2	55.2	55.4	55.8	55.9	56.3	56.4	56.6	56.9
≥ 7000	56.7	58.9	59.2	59.3	59.5	59.6	59.8	60.1	60.1	60.2	60.7	60.8	61.2	61.3	61.5	61.8
≥ 6000	60.3	62.8	63.1	63.2	63.4	63.5	63.8	64.0	64.0	64.2	64.6	64.7	65.1	65.3	65.5	65.8
≥ 5000	66.1	69.2	69.3	69.5	69.8	69.9	70.2	70.4	70.5	70.6	71.0	71.2	71.5	71.7	71.9	72.2
≥ 4500	68.1	71.6	71.9	72.0	72.2	72.4	72.6	72.8	72.9	73.0	73.4	73.6	74.1	74.1	74.3	74.6
≥ 4000	70.7	74.8	75.1	75.2	75.5	75.6	75.8	76.0	76.1	76.3	76.7	76.8	77.2	77.4	77.6	77.9
≥ 3500	71.7	76.5	76.9	77.1	77.3	77.5	77.7	77.9	78.0	78.1	78.6	78.7	79.1	79.3	79.5	79.8
≥ 3000	73.1	78.8	79.3	79.5	79.8	79.9	80.2	80.4	80.5	80.6	81.1	81.2	81.6	81.8	82.0	82.3
≥ 2500	74.5	80.7	81.3	81.6	82.0	82.2	82.4	82.7	82.8	83.0	83.4	83.5	83.9	84.1	84.3	84.6
≥ 2000	75.5	82.4	83.4	83.7	84.3	84.4	84.8	85.1	85.2	85.4	85.8	86.0	86.4	86.5	86.7	87.0
≥ 1800	75.7	82.8	83.8	84.1	84.7	84.9	85.3	85.6	85.7	85.9	86.4	86.5	86.9	87.0	87.3	87.6
≥ 1500	76.2	83.5	84.8	85.2	85.9	86.1	86.5	87.0	87.1	87.3	87.8	87.9	88.3	88.5	88.7	89.0
≥ 1200	76.5	84.5	85.7	86.1	86.9	87.1	87.6	88.2	88.4	88.6	89.1	89.3	89.7	89.8	90.1	90.3
≥ 1000	76.7	84.9	86.2	86.6	87.4	87.8	88.3	88.9	89.1	89.4	89.7	90.0	90.4	90.6	90.8	91.1
≥ 900	76.9	85.1	86.5	87.0	87.8	88.2	88.7	89.3	89.5	89.8	90.4	90.5	91.0	91.1	91.4	91.6
≥ 800	77.0	85.4	86.8	87.3	88.2	88.6	89.1	89.9	90.1	90.4	91.0	91.1	91.6	91.7	92.0	92.3
≥ 700	77.2	85.9	87.3	87.9	88.8	89.2	89.9	90.5	90.9	91.2	91.8	92.0	92.4	92.6	92.8	93.1
≥ 600	77.4	86.4	87.9	88.5	89.5	90.0	90.6	91.4	91.7	92.1	92.7	92.8	93.3	93.4	93.7	94.0
≥ 500	77.4	87.1	88.6	89.3	90.4	90.9	91.6	92.5	92.9	93.4	94.0	94.2	94.6	94.9	95.1	95.4
≥ 400	77.5	87.6	89.3	90.1	91.2	91.8	92.6	93.6	94.0	94.6	95.3	95.5	96.1	96.3	96.7	97.0
≥ 300	77.6	88.0	89.8	90.6	91.8	92.5	93.4	94.5	95.0	95.7	96.5	96.7	97.3	97.7	98.1	98.4
≥ 200	77.6	88.0	89.9	90.8	92.0	92.8	93.7	95.0	95.5	96.3	97.2	97.5	98.2	98.7	99.1	99.5
≥ 100	77.6	88.1	89.9	90.8	92.1	92.8	93.8	95.0	95.6	96.4	97.3	97.6	98.4	99.0	99.4	99.9
≥ 0	77.6	88.1	89.9	90.8	92.1	92.8	93.8	95.0	95.6	96.4	97.3	97.6	98.4	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

6836

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

66-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11.51

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING	30.5	33.9	34.4	34.6	35.0	35.1	35.3	36.0	36.1	36.5	36.9	37.1	37.5	37.7	38.1	38.4
≥ 20000	32.0	35.6	36.1	36.2	36.7	36.8	37.0	37.7	37.9	38.2	38.7	38.8	39.3	39.4	39.8	40.1
IV 18000	32.6	36.2	36.6	36.8	37.2	37.3	37.6	38.2	38.4	38.8	39.2	39.4	39.9	40.0	40.4	40.8
IV 16000	33.0	36.5	37.0	37.2	37.6	37.7	37.9	38.6	38.8	39.1	39.6	39.8	40.2	40.4	40.8	41.1
IV 14000	33.6	37.2	37.6	37.9	38.2	38.4	38.6	39.3	39.5	39.8	40.3	40.5	40.9	41.1	41.5	41.8
IV 12000	35.5	39.1	39.6	39.8	40.2	40.3	41.5	41.2	41.4	41.8	42.3	42.4	42.9	43.0	43.4	43.6
IV 10000	38.0	41.8	42.2	42.4	42.8	42.9	43.2	43.8	44.0	44.4	44.9	45.0	45.5	45.7	46.0	46.4
IV 9000	39.6	43.5	43.9	44.2	44.5	44.7	44.9	45.5	45.7	46.1	46.6	46.8	47.2	47.4	47.8	48.1
IV 8000	43.0	47.1	47.5	47.8	48.2	48.3	48.5	49.2	49.4	49.7	50.2	50.4	50.8	51.0	51.4	51.7
IV 7000	47.1	51.7	52.1	52.4	52.8	52.9	53.2	53.8	54.0	54.4	54.9	55.0	55.5	55.7	56.0	56.4
IV 6000	50.0	54.9	55.4	55.7	56.1	56.2	56.5	57.1	57.3	57.7	58.2	58.4	58.8	59.0	59.4	59.7
IV 5000	56.1	62.2	62.7	63.0	63.4	63.6	63.8	64.5	64.7	65.0	65.5	65.7	66.2	66.4	66.8	67.2
IV 4500	59.0	65.5	66.1	66.5	66.9	67.0	67.3	68.0	68.2	68.5	69.0	69.3	69.7	69.9	70.3	70.7
IV 4000	62.2	69.7	70.5	70.8	71.3	71.5	71.7	72.4	72.6	73.0	73.5	73.7	74.2	74.4	74.8	75.1
IV 3500	64.0	72.2	73.1	73.5	74.0	74.1	74.4	75.1	75.3	75.7	76.2	76.4	76.9	77.1	77.5	77.8
IV 3000	65.6	74.0	75.6	76.0	76.5	76.7	77.0	77.8	78.0	78.4	78.9	79.1	79.6	79.8	80.2	80.5
IV 2500	67.1	76.8	77.8	78.3	78.9	79.2	79.5	80.3	80.5	80.9	81.4	81.6	82.1	82.3	82.7	83.0
IV 2000	68.0	78.7	80.0	80.7	81.6	81.9	82.4	83.3	83.5	83.9	84.4	84.6	85.1	85.2	85.6	86.0
IV 1800	68.3	79.1	80.4	81.0	82.0	82.3	82.9	83.8	84.0	84.4	84.9	85.2	85.6	85.8	86.2	86.6
IV 1500	68.7	80.0	81.7	82.5	83.8	84.1	84.8	85.0	86.1	86.5	87.0	87.3	87.7	87.9	88.3	88.7
IV 1200	68.8	80.4	82.2	83.1	84.4	84.8	85.5	86.7	87.0	87.6	88.1	88.3	88.8	89.0	89.4	89.8
IV 1000	68.9	80.6	82.5	83.4	84.7	85.2	86.0	87.2	87.6	88.3	88.9	89.2	89.6	89.8	90.2	90.6
IV 900	68.9	80.9	82.7	83.6	85.0	85.5	86.4	87.6	87.9	88.6	89.3	89.5	90.0	90.2	90.6	91.0
IV 800	69.0	81.0	82.9	83.9	85.3	85.9	86.8	88.1	88.5	89.2	89.9	90.2	90.6	90.8	91.2	91.6
IV 700	69.2	81.5	83.4	84.4	85.9	86.5	87.5	88.9	89.2	90.0	90.7	90.9	91.4	91.6	92.0	92.4
IV 600	69.5	81.9	83.9	84.9	86.5	87.2	88.3	89.7	90.1	90.9	91.6	92.0	92.6	92.8	93.2	93.6
IV 500	69.7	82.4	84.5	85.6	87.3	88.2	89.3	90.9	91.3	92.2	93.1	93.4	94.0	94.3	94.6	95.1
IV 400	69.8	82.8	85.0	86.2	88.1	89.0	90.3	92.0	92.4	93.4	94.4	94.7	95.4	95.7	96.1	96.5
IV 300	69.9	83.0	85.3	86.5	88.7	89.6	91.1	93.0	93.4	94.5	95.6	95.9	96.8	97.1	97.5	98.0
IV 200	69.9	83.1	85.4	86.7	88.9	89.9	91.5	93.4	93.9	94.1	96.3	96.7	97.6	98.0	98.6	99.3
IV 100	69.9	83.1	85.5	86.7	89.0	89.9	91.5	93.5	94.0	95.2	96.4	96.8	97.9	98.4	99.1	99.9
IV 0	69.9	83.1	85.5	86.7	89.0	89.9	91.5	93.5	94.0	95.2	96.4	96.8	97.9	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

6579

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

7-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	39.3	46.8	47.7	48.4	48.9	49.2	49.5	50.1	50.3	51.4	52.0	52.7	53.1	53.6	54.4	55.3
≥ 20000	40.8	48.8	49.7	50.3	50.8	51.1	51.5	52.0	52.3	53.3	54.0	54.7	55.1	55.5	56.3	57.2
≥ 18000	40.8	48.8	49.7	50.3	50.8	51.1	51.5	52.0	52.3	53.3	54.0	54.7	55.1	55.5	56.3	57.2
≥ 16000	41.0	48.9	49.8	50.5	51.0	51.2	51.6	52.1	52.4	53.4	54.1	54.8	55.2	55.7	56.4	57.3
≥ 14000	41.0	48.9	49.8	50.5	51.0	51.2	51.6	52.1	52.4	53.4	54.1	54.8	55.2	55.7	56.4	57.3
≥ 12000	41.9	49.9	50.8	51.5	52.0	52.3	52.7	53.2	53.4	54.5	55.1	55.8	56.3	56.7	57.5	58.4
≥ 10000	44.6	52.7	53.6	54.2	54.7	55.0	55.4	55.9	56.2	57.2	57.7	57.9	59.0	59.4	60.2	61.1
≥ 9000	46.0	54.5	55.4	56.0	56.6	56.8	57.2	57.7	58.0	59.0	59.7	59.7	60.9	61.2	62.0	62.9
≥ 8000	48.5	57.2	58.1	58.8	59.3	59.6	59.9	60.5	60.7	61.8	62.4	62.4	63.6	64.0	64.8	65.7
≥ 7000	52.5	62.2	63.1	63.7	64.2	64.5	64.9	65.4	65.7	66.7	67.4	67.4	68.5	68.9	69.7	70.6
≥ 6000	54.0	64.0	64.9	65.5	66.1	66.3	66.7	67.2	67.5	68.5	69.2	69.2	70.4	70.7	71.5	72.4
≥ 5000	57.1	67.8	68.7	69.3	69.8	70.1	70.5	71.0	71.3	72.3	73.0	73.0	74.1	74.5	75.3	76.2
≥ 4500	59.2	70.0	70.9	71.5	72.0	72.3	72.7	73.2	73.5	74.5	75.2	75.2	76.3	76.7	77.5	78.4
≥ 4000	60.5	71.4	72.3	73.0	73.5	73.7	74.1	74.6	74.9	75.9	76.6	76.6	77.8	78.2	78.9	79.8
≥ 3500	62.0	73.9	74.8	75.4	75.9	76.2	76.6	77.1	77.4	78.4	79.1	79.1	80.2	80.6	81.4	82.3
≥ 3000	62.5	74.6	75.6	76.2	76.7	77.0	77.4	77.9	78.3	79.3	80.0	80.0	81.1	81.5	82.3	83.2
≥ 2500	63.5	76.1	77.5	78.2	78.8	79.1	79.5	80.0	80.4	81.4	82.1	82.1	83.2	83.6	84.4	85.3
≥ 2000	63.6	76.6	78.0	78.8	79.5	79.7	80.2	80.8	81.1	82.2	82.8	82.8	84.0	84.4	85.2	86.1
≥ 1800	63.6	77.1	78.5	79.3	80.0	80.2	80.8	81.4	81.8	82.8	83.5	83.5	84.7	85.0	85.8	86.7
≥ 1500	63.8	77.3	79.3	80.2	81.4	81.7	82.2	83.0	83.4	84.4	85.0	85.0	86.2	86.6	87.4	88.3
≥ 1200	64.4	78.4	80.0	81.0	82.2	82.4	83.0	83.9	84.3	85.3	86.0	86.0	87.1	87.5	88.3	89.2
≥ 1000	64.6	79.1	80.6	81.8	83.0	83.2	83.9	84.9	85.4	86.5	87.1	87.1	88.3	88.7	89.5	90.4
≥ 900	64.6	79.1	80.8	81.9	83.1	83.4	84.0	85.0	85.6	86.6	87.3	87.3	88.4	88.8	89.6	90.5
≥ 800	64.6	79.1	80.8	81.9	83.1	83.5	84.3	85.3	85.8	86.9	87.5	87.5	88.7	89.1	89.9	90.8
≥ 700	64.6	79.1	80.9	82.1	83.4	83.7	84.5	85.6	86.2	87.3	87.9	87.9	89.1	89.5	90.4	91.3
≥ 600	64.8	79.6	81.4	82.6	83.9	84.3	85.2	86.2	87.0	88.3	88.9	88.9	90.1	90.5	91.4	92.3
≥ 500	64.8	79.6	81.5	82.8	84.1	84.5	85.4	86.5	87.3	88.6	89.3	89.3	90.5	91.0	91.9	92.8
≥ 400	64.8	79.7	81.8	83.1	84.4	85.0	86.0	87.0	87.9	89.7	90.0	90.0	91.5	92.5	93.4	94.4
≥ 300	64.8	80.0	82.3	83.7	85.0	85.7	86.7	87.8	88.7	90.5	91.4	91.5	92.7	93.2	94.3	95.3
≥ 200	64.8	80.1	82.6	84.3	85.8	86.5	87.8	88.8	89.7	91.7	92.8	93.1	94.7	95.3	96.4	97.7
≥ 100	64.8	80.1	82.6	84.3	86.0	86.6	87.9	89.3	90.2	92.2	93.5	94.1	96.0	96.9	98.2	99.7
≥ 0	64.8	80.1	82.6	84.3	86.0	86.6	87.9	89.3	90.2	92.2	93.6	94.1	96.1	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS

769

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

67-76

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	38.0	46.3	46.5	46.8	47.5	47.9	48.0	50.0	50.8	51.3	51.9	52.1	53.2	53.7	54.5	56.2
≥ 20000	39.9	48.2	48.6	48.8	49.6	50.0	51.0	52.1	52.8	53.4	54.0	54.1	55.3	55.8	56.0	53.3
IV 18000	40.4	48.7	49.1	49.4	50.1	50.5	51.6	52.6	53.4	53.9	54.5	54.7	55.0	56.3	57.1	58.8
IV 16000	40.4	48.7	49.1	49.4	50.1	50.5	51.0	52.6	53.4	53.9	54.5	54.7	55.0	56.3	57.1	58.8
IV 14000	40.6	49.2	49.6	49.9	50.6	51.0	52.1	53.1	53.9	54.4	55.0	55.2	56.3	56.8	57.0	59.3
IV 12000	41.6	50.3	50.6	50.9	51.7	52.1	53.1	54.1	54.9	55.4	56.1	56.2	57.4	57.9	58.7	60.3
IV 10000	43.6	52.6	53.0	53.2	54.0	54.4	55.4	56.5	57.2	57.8	58.4	58.5	59.7	60.2	61.0	62.7
IV 9000	44.8	53.7	54.1	54.4	55.2	55.6	56.6	57.6	58.4	58.9	59.6	59.7	60.9	61.4	62.1	63.8
IV 8000	47.0	55.9	56.3	56.6	57.4	57.8	58.8	59.8	60.6	61.1	61.6	61.9	63.0	63.6	64.3	66.0
IV 7000	49.6	59.4	59.8	60.1	60.9	61.2	62.3	63.3	64.1	64.6	65.2	65.4	66.5	67.1	67.8	69.5
IV 6000	50.9	61.1	61.5	61.8	62.5	62.9	64.0	65.0	65.8	66.3	66.7	67.1	68.2	68.7	69.3	71.2
IV 5000	53.9	64.5	64.9	65.2	66.0	66.4	67.4	68.5	69.3	69.8	70.4	70.5	71.7	72.2	73.0	74.7
IV 4500	55.9	66.5	66.9	67.3	68.1	68.5	69.5	70.5	71.3	71.8	72.5	72.6	73.3	74.3	75.1	76.7
IV 4000	58.1	69.0	69.4	69.8	70.5	70.9	72.0	73.0	73.8	74.3	74.9	75.1	76.2	76.7	77.5	79.2
IV 3500	58.9	70.3	70.7	71.1	71.8	72.2	73.3	74.3	75.1	75.6	76.2	76.4	77.5	78.0	78.8	80.5
IV 3000	60.1	71.3	72.4	73.3	74.0	74.4	75.5	76.5	77.3	77.8	78.4	78.6	79.7	80.2	81.0	82.7
IV 2500	60.7	72.6	73.3	74.2	74.9	75.3	76.4	77.4	78.2	78.7	79.5	79.5	80.6	81.1	81.9	83.6
IV 2000	61.1	75.1	75.8	77.3	78.3	78.7	79.7	80.7	81.5	82.0	82.7	82.8	84.0	84.5	85.3	87.0
IV 1800	61.1	75.3	76.2	77.8	78.9	79.3	80.4	81.4	82.2	82.7	83.3	83.5	84.6	85.1	85.9	87.6
IV 1500	61.4	76.0	77.0	78.7	80.1	80.7	81.8	82.9	83.7	84.2	84.9	85.0	86.2	86.7	87.5	89.1
IV 1200	61.6	76.4	77.4	79.1	80.6	81.3	82.4	83.7	84.5	85.0	85.7	85.8	87.0	87.5	88.2	89.9
IV 1000	61.9	77.1	78.2	79.8	81.5	82.4	83.7	85.0	86.0	86.6	87.2	87.3	88.5	89.0	89.8	91.5
IV 900	61.9	77.3	78.3	80.0	81.7	82.7	84.0	85.3	86.3	86.8	87.6	87.7	88.9	89.4	90.2	91.9
IV 800	61.9	77.5	78.6	80.2	82.0	83.1	84.4	85.7	86.7	87.2	88.0	88.1	89.3	89.8	90.6	92.2
IV 700	62.1	77.8	78.8	80.5	82.3	83.3	84.6	85.9	87.0	87.5	88.2	88.4	89.5	90.1	90.8	92.5
IV 600	62.1	77.9	78.9	80.6	82.4	83.6	85.0	86.3	87.3	87.9	88.6	88.7	89.7	90.4	91.2	92.9
IV 500	62.4	78.3	79.5	81.1	83.1	84.2	85.7	87.1	88.1	88.9	89.7	89.8	91.0	91.5	92.2	93.9
IV 400	62.4	78.9	80.2	81.9	84.0	85.1	86.6	88.0	89.0	89.5	90.4	91.0	92.1	92.8	93.5	95.2
IV 300	62.7	79.3	80.7	82.4	84.5	85.7	87.1	88.5	89.5	90.6	91.5	91.6	92.9	93.5	94.4	96.1
IV 200	62.7	79.5	80.9	82.6	84.8	86.2	87.6	89.1	90.2	91.5	92.8	93.0	94.7	95.3	96.5	98.3
IV 100	62.7	79.5	80.9	82.6	84.8	86.2	87.6	89.1	90.2	91.6	92.9	93.3	95.1	96.3	97.8	99.7
IV 0	62.7	79.5	80.9	82.6	84.8	86.2	87.6	89.1	90.2	91.6	92.9	93.3	95.1	96.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS

774

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMHORSE AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.6	44.6	45.8	46.4	47.4	47.5	47.6	47.9	48.0	48.3	48.6	48.9	49.9	50.3	51.1	52.5
≥ 20000	38.3	45.3	46.4	47.1	48.0	48.3	48.5	48.8	48.9	49.2	49.7	49.9	50.8	51.2	52.0	53.4
≥ 18000	38.8	45.8	47.0	47.6	48.5	48.8	49.1	49.3	49.5	49.7	50.3	50.4	51.3	51.7	52.5	54.0
≥ 16000	38.8	45.8	47.0	47.6	48.5	48.8	49.1	49.3	49.5	49.7	50.3	50.4	51.3	51.7	52.5	54.0
≥ 14000	38.9	46.2	47.4	48.0	48.9	49.2	49.5	49.7	49.9	50.1	50.7	50.8	51.7	52.1	52.7	54.4
≥ 12000	39.7	47.1	48.3	49.1	50.0	50.3	50.5	50.8	50.9	51.2	51.7	51.9	52.8	53.2	54.0	55.4
≥ 10000	43.3	50.3	52.0	52.8	53.7	54.0	54.2	54.5	54.6	54.9	55.4	55.5	56.5	56.9	57.7	59.1
≥ 9000	44.5	52.0	53.2	54.0	54.9	55.1	55.4	55.7	55.8	56.1	56.6	56.7	57.7	58.0	58.8	60.3
≥ 8000	45.9	53.6	54.7	55.5	56.5	56.7	57.0	57.3	57.4	57.7	58.2	58.3	59.2	59.6	60.4	61.9
≥ 7000	48.5	56.2	58.0	58.8	59.8	60.0	60.3	60.6	60.7	60.9	61.5	61.6	62.5	62.9	63.7	65.2
≥ 6000	50.7	57.2	60.4	61.5	62.5	62.8	63.1	63.3	63.5	63.7	64.2	64.4	65.3	65.7	66.5	67.9
≥ 5000	54.1	63.9	65.0	66.1	67.2	67.4	67.7	67.9	68.1	68.3	68.9	69.0	69.9	70.3	71.1	72.6
≥ 4500	57.1	66.9	68.1	69.1	70.2	70.4	70.7	71.0	71.1	71.4	71.9	72.0	73.0	73.4	74.1	75.6
≥ 4000	58.6	68.3	69.7	70.8	71.9	72.2	72.4	72.7	72.8	73.1	73.6	73.7	74.7	75.1	75.9	77.3
≥ 3500	59.2	69.3	70.8	71.8	72.8	73.1	73.4	73.6	73.7	74.0	74.5	74.7	75.6	76.0	76.8	78.2
≥ 3000	60.7	71.2	72.6	74.1	75.2	75.5	75.7	76.0	76.1	76.4	76.9	77.0	78.0	78.4	79.2	80.6
≥ 2500	61.7	73.0	74.8	76.1	77.2	77.4	77.7	78.1	78.2	78.5	79.0	79.2	80.1	80.5	81.3	82.7
≥ 2000	62.5	74.8	77.2	78.5	79.7	79.9	80.3	80.7	80.9	81.1	81.7	81.8	82.7	83.1	83.9	85.4
≥ 1800	62.7	75.5	77.8	79.2	80.3	80.6	81.0	81.4	81.5	81.8	82.3	82.5	83.4	83.8	84.6	86.0
≥ 1500	62.8	76.6	79.6	81.0	82.2	82.5	82.8	83.2	83.4	83.6	84.2	84.3	85.2	85.6	86.4	87.9
≥ 1200	62.9	77.4	80.7	82.2	83.4	83.6	84.2	84.6	84.7	85.0	85.5	85.6	86.5	86.9	87.7	89.2
≥ 1000	63.2	78.5	81.8	83.2	84.4	84.7	85.2	85.8	85.9	86.1	86.8	86.9	87.9	88.3	89.1	90.5
≥ 900	63.2	78.5	81.8	83.2	84.4	84.7	85.2	85.8	85.9	86.3	86.9	87.1	88.0	88.4	89.2	90.6
≥ 800	63.2	78.6	82.1	83.5	84.8	85.1	85.8	86.8	86.9	87.6	88.3	88.4	89.3	89.7	90.5	92.0
≥ 700	63.7	79.2	82.6	84.0	85.4	85.8	86.4	87.6	87.7	88.5	89.2	89.3	90.2	90.6	91.4	92.9
≥ 600	63.7	79.3	82.7	84.2	85.5	85.9	86.8	88.0	88.1	88.9	89.6	89.7	90.6	91.0	91.8	93.3
≥ 500	64.0	79.8	83.4	84.8	86.1	86.5	87.6	88.8	89.1	90.0	90.6	90.8	91.7	92.1	92.9	94.3
≥ 400	64.1	79.9	83.5	85.0	86.5	86.9	88.3	89.4	89.7	90.6	91.3	91.4	92.3	92.7	93.5	95.0
≥ 300	64.1	80.2	83.9	85.4	86.9	87.3	88.7	90.0	90.2	91.2	92.2	92.3	93.3	93.7	94.5	95.9
≥ 200	64.1	80.3	84.0	85.5	87.1	87.5	89.1	90.4	90.9	91.8	92.9	93.3	95.0	95.6	96.6	98.2
≥ 100	64.1	80.3	84.2	85.6	87.2	87.6	89.3	90.6	91.2	92.1	93.4	93.8	95.6	96.7	98.0	99.6
≥ 0	64.1	80.3	84.2	85.6	87.2	87.6	89.3	90.6	91.2	92.1	93.4	93.8	95.6	96.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

758

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAF

CEILING VERSUS VISIBILITY

26461 ELMENTORF AFB ALASKA/ANCHORAGE

67-76

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/5	≥ 2 3/5	≥ 5/16	≥ 1/2	≥ 0
NO CEILING ≥ 20000	40.8 43.0	44.6 47.6	45.1 47.5	45.6 48.1	46.7 49.1	46.7 49.1	47.1 49.5	47.7 50.3	48.2 50.6	48.6 51.0	50.1 52.5	50.2 52.6	51.0 53.4	51.7 54.2	52.3 54.9	53.5 56.1
IV 18000 IV 16000	43.4 44.8	47.4 47.8	47.9 48.3	48.5 48.9	49.5 49.9	49.5 49.9	49.9 51.3	50.7 51.1	51.0 51.4	51.4 51.8	52.9 53.3	53.0 53.4	53.0 54.2	54.6 55.0	55.3 55.7	56.5 56.9
IV 14000 IV 12000	44.6 45.8	48.6 49.9	49.1 50.5	49.7 51.0	50.7 52.1	50.7 52.1	51.1 52.6	52.1 53.5	52.3 53.8	52.7 54.2	54.2 55.7	54.4 55.8	55.2 56.6	56.0 57.4	56.6 58.1	57.8 59.3
IV 10000 IV 9000	49.1 50.1	53.3 54.2	53.8 54.8	54.4 55.3	55.4 56.4	55.4 56.4	56.0 56.9	56.9 57.8	57.2 58.1	57.6 58.5	59.0 60.0	59.3 60.2	60.1 61.0	60.9 61.8	61.6 62.5	62.8 63.7
IV 8000 IV 7000	52.9 54.8	57.2 59.0	57.7 59.7	58.2 60.2	59.3 61.3	59.3 61.3	59.8 61.8	60.8 62.8	61.0 63.2	61.4 63.6	62.9 65.1	63.2 65.3	64.0 66.1	64.8 66.9	65.5 67.6	66.7 68.8
IV 6000 IV 5000	57.3 59.9	61.7 65.6	62.4 66.3	62.9 66.8	64.0 67.9	64.0 67.9	64.8 68.7	65.9 69.7	66.3 70.1	66.7 70.5	68.1 72.0	68.4 72.3	69.2 73.1	70.0 73.9	70.7 74.0	71.9 75.8
IV 4500 IV 4000	63.5 64.8	68.3 70.1	69.1 71.0	69.7 71.6	70.8 72.7	70.8 72.7	71.0 73.5	72.7 74.6	73.1 75.0	73.6 75.5	75.1 77.0	75.4 77.2	76.2 78.0	77.0 78.8	77.0 79.5	78.8 80.7
IV 3500 IV 3000	65.7 66.9	71.5 72.8	72.3 73.6	73.1 74.4	74.2 75.6	74.2 75.6	75.0 76.6	76.0 77.6	76.4 78.0	77.0 78.6	78.4 80.1	78.7 80.3	79.5 81.1	80.3 81.9	81.0 82.6	82.7 83.8
IV 2500 IV 2000	67.1 68.0	73.5 75.4	74.6 76.7	75.4 77.6	76.7 79.0	76.7 79.0	77.6 79.9	78.7 81.0	79.1 81.4	79.7 81.9	81.1 83.4	81.4 83.7	82.2 84.5	83.0 85.3	83.8 86.1	85.0 87.3
IV 1800 IV 1500	68.3 68.7	75.8 76.4	77.1 77.8	78.2 78.8	79.7 80.6	79.8 80.9	81.0 82.1	82.1 83.4	82.5 83.8	83.0 84.3	84.5 85.8	84.7 86.1	85.5 86.9	86.3 87.7	87.1 88.5	88.4 89.7
IV 1200 IV 1000	68.9 69.1	77.2 77.5	78.6 78.8	79.7 79.9	81.5 81.9	81.8 82.2	83.1 83.7	84.5 85.0	84.9 85.4	85.5 86.2	87.1 87.8	87.4 88.1	88.2 88.9	89.0 89.7	89.8 90.5	91.0 91.7
IV 900 IV 800	69.1 69.2	77.6 78.2	79.0 79.7	80.1 80.7	82.1 82.7	82.3 83.0	83.8 84.5	85.3 85.9	85.7 86.3	86.6 87.6	88.5 89.4	88.8 89.7	89.6 90.5	90.5 91.4	91.3 92.2	92.5 93.4
IV 700 IV 600	69.3 69.3	78.3 78.4	79.8 79.9	80.9 81.0	82.9 83.0	83.4 83.5	85.0 85.1	86.5 86.6	86.9 87.0	88.1 88.2	90.0 90.1	90.4 90.6	91.2 91.4	92.1 92.4	92.9 93.2	94.1 94.4
IV 500 IV 400	69.3 69.5	78.4 78.8	79.9 80.5	81.0 81.5	83.0 83.7	83.5 84.3	85.1 85.9	86.6 87.6	87.0 88.0	88.2 89.3	90.1 91.3	90.6 91.8	91.0 92.8	92.5 93.7	93.3 94.6	94.5 96.0
IV 300 IV 200	69.5 69.5	78.8 78.8	80.5 80.5	81.5 81.5	83.8 84.7	84.7 84.6	86.6 86.4	88.4 88.4	88.8 88.8	90.5 90.5	92.0 92.0	93.3 93.6	94.0 95.0	95.7 96.4	96.8 97.6	98.1 99.2
IV 100 IV 0	69.5 69.5	78.8 78.8	80.5 80.5	81.5 81.5	83.8 84.7	84.7 84.7	86.7 86.7	88.5 88.5	88.9 88.9	90.8 90.8	93.2 93.2	94.0 94.0	95.4 95.4	96.8 96.8	98.0 98.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

747

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JA-1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	49.7 51.9	51.3 53.6	51.6 54.0	51.6 54.0	51.9 54.3	52.0 54.4	52.6 55.1	52.7 55.2	53.1 55.6	53.5 56.0	54.0 56.3	54.0 56.5	54.3 56.7	54.7 57.3	55.2 58.0	56.4 59.2
≥ 18000 IV 16000	52.0 52.2	53.8 54.0	54.2 54.4	54.2 54.4	54.4 54.7	54.4 54.8	55.2 55.5	55.3 55.6	55.7 56.0	56.1 56.4	56.7 56.9	56.7 56.9	56.7 56.9	57.2 57.7	57.4 58.4	59.3 59.6
IV 14000 IV 12000	53.4 54.5	55.2 56.5	55.6 56.9	55.6 56.9	56.0 57.3	56.1 57.4	56.8 58.1	57.0 58.4	57.4 58.8	57.8 59.2	58.4 59.7	58.4 59.7	58.4 59.7	59.2 59.7	59.8 60.5	61.0 62.3
IV 10000 IV 9000	57.6 59.2	59.6 61.1	59.9 61.5	59.9 61.5	60.3 61.9	60.5 62.1	61.1 62.7	61.4 63.0	61.8 63.4	62.2 63.8	62.8 64.4	62.8 64.4	63.1 64.7	63.6 65.2	64.3 65.9	65.5 67.1
IV 8000 IV 7000	62.1 64.3	64.3 66.8	64.8 67.3	64.8 67.3	65.2 67.7	65.3 67.9	66.0 68.5	66.3 68.8	66.7 69.2	67.1 69.6	67.7 70.2	67.7 70.2	68.0 70.5	68.5 71.0	69.2 71.7	70.4 72.9
IV 6000 IV 5000	66.0 69.2	68.6 71.8	69.2 72.3	69.2 72.3	69.7 72.9	69.8 73.0	70.6 73.8	71.0 74.2	71.4 74.6	71.8 75.0	72.5 75.6	72.5 75.6	72.7 75.9	73.3 76.4	73.9 77.1	75.1 78.3
IV 4500 IV 4000	71.8 73.4	74.8 76.7	75.4 77.5	75.4 77.5	76.0 78.3	76.2 78.4	76.9 79.2	77.3 79.6	77.7 80.0	78.1 80.4	78.8 81.0	78.8 81.0	79.1 81.3	79.6 81.8	80.2 82.5	81.4 83.7
IV 3500 IV 3000	74.3 76.2	77.7 79.7	78.5 80.6	78.5 80.6	79.3 81.4	79.4 81.7	80.4 82.6	80.8 83.0	81.2 83.4	81.6 83.8	82.2 84.5	82.2 84.5	82.5 84.7	83.0 85.2	83.7 85.9	84.8 87.1
IV 2500 IV 2000	77.6 78.0	81.6 82.3	82.9 83.7	82.9 83.8	84.1 85.0	84.3 85.2	85.2 86.2	85.6 86.8	86.0 87.2	86.4 87.6	87.1 88.0	87.1 88.3	87.4 88.5	87.9 89.1	88.5 89.7	89.7 90.9
IV 1800 IV 1500	78.1 78.1	82.5 83.0	83.8 84.5	83.9 84.6	85.2 85.9	85.5 86.2	86.4 87.1	86.8 88.1	87.2 88.7	87.6 89.2	88.0 89.9	88.7 89.9	88.7 90.1	89.5 90.6	90.1 91.3	91.3 92.5
IV 1200 IV 1000	78.1 78.1	83.4 83.5	85.0 85.1	85.1 85.2	86.4 86.6	86.7 86.8	87.6 87.7	88.8 89.1	89.9 90.3	90.8 91.3	91.6 92.0	91.6 92.1	92.0 92.1	92.5 93.1	93.1 93.8	94.3 95.0
IV 900 IV 800	78.1 78.1	83.7 83.7	85.2 85.2	85.4 85.4	86.8 86.8	87.1 87.1	88.0 88.0	89.3 89.3	90.5 90.5	91.6 91.7	92.2 92.4	92.2 92.5	92.4 93.1	93.4 93.8	94.1 94.5	95.3 95.7
IV 700 IV 600	78.1 78.1	83.8 84.1	85.4 85.6	85.5 85.8	87.1 87.6	87.4 87.9	88.3 88.8	89.6 90.4	90.8 91.6	92.2 93.3	92.9 93.9	93.0 94.1	93.6 94.5	94.5 95.5	95.1 96.2	96.5 97.4
IV 500 IV 400	78.1 78.1	84.2 84.2	85.9 85.9	86.0 86.2	87.9 88.1	88.1 88.4	89.1 89.3	90.6 90.9	91.8 92.1	93.5 93.9	94.2 94.7	94.3 94.9	95.1 95.9	95.9 96.7	96.6 97.5	97.8 98.7
IV 300 IV 200	78.1 78.1	84.2 84.2	86.0 86.0	86.3 86.3	88.3 88.3	88.5 88.5	89.6 89.6	91.2 91.2	92.4 92.5	94.2 94.5	95.1 95.4	95.4 95.7	96.4 96.7	97.5 97.8	98.3 98.7	99.5 100.0
IV 100 0	78.1 78.1	84.2 84.2	86.0 86.0	86.3 86.3	88.3 88.3	88.5 88.5	89.6 89.6	91.2 91.2	92.5 92.5	94.5 94.5	95.4 95.4	95.7 95.7	96.7 96.7	97.8 97.8	98.7 98.7	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

759

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥¼	≥0
NO CEILING ≥ 20000	50.4 52.0	52.5 54.7	52.9 55.4	53.0 55.5	53.4 56.1	53.4 56.1	53.7 56.3	54.0 56.6	54.5 57.1	55.0 57.7	55.5 58.3	55.7 58.4	55.9 58.7	56.5 59.4	56.6 59.5	56.9 59.9
≥ 18000 ≥ 16000	52.9 53.3	55.0 55.4	55.5 55.9	55.7 56.1	56.2 56.6	56.2 56.6	56.5 56.9	56.7 57.1	57.3 57.7	57.8 58.2	58.6 59.0	58.7 59.1	59.0 59.4	59.6 60.0	59.8 60.2	60.2 60.6
≥ 14000 ≥ 12000	53.7 55.9	55.8 58.0	56.3 58.6	56.5 58.7	57.0 59.2	57.0 59.2	57.3 59.5	57.5 59.8	58.0 60.3	58.6 60.8	59.4 61.5	59.5 61.7	59.6 62.0	60.4 62.7	60.6 62.8	60.9 63.2
≥ 10000 ≥ 9000	58.2 59.4	60.4 61.7	60.9 62.3	61.1 62.4	61.6 62.9	61.6 62.9	61.9 63.2	62.1 63.5	62.7 64.0	63.2 64.5	64.0 65.3	64.1 65.4	64.4 65.7	65.0 66.4	65.2 66.5	65.6 66.9
≥ 8000 ≥ 7000	62.4 64.8	64.8 67.3	65.3 67.8	65.4 67.9	66.0 68.3	66.0 68.5	66.2 68.9	66.5 69.1	67.0 69.7	67.5 70.2	68.3 71.0	68.5 71.1	68.7 71.4	69.4 72.0	69.5 72.2	69.9 72.6
≥ 6000 ≥ 5000	67.4 70.2	69.9 73.0	70.6 73.6	70.7 73.7	71.2 74.3	71.2 74.3	71.8 74.8	72.2 75.2	72.7 75.7	73.2 76.3	74.0 77.0	74.1 77.2	74.4 77.4	75.1 78.1	75.2 78.2	75.6 78.6
≥ 4500 ≥ 4000	73.1 74.4	75.9 77.6	76.5 78.2	76.6 78.4	77.3 79.0	77.3 79.0	77.8 79.6	78.2 80.5	78.8 81.1	79.4 81.9	80.2 82.1	80.3 82.1	80.6 82.4	81.3 83.0	81.4 83.1	81.8 83.5
≥ 3500 ≥ 3000	75.5 76.1	78.8 79.9	79.4 80.7	79.6 80.9	80.2 81.5	80.2 81.5	80.7 82.1	81.1 82.5	81.7 83.0	82.3 83.6	83.1 84.4	83.2 84.4	83.5 84.6	84.2 85.5	84.3 85.6	84.7 86.0
≥ 2500 ≥ 2000	76.6 77.3	81.4 83.1	82.3 84.3	82.5 84.4	83.2 85.2	83.4 85.4	83.9 86.3	84.4 86.8	85.0 87.3	85.8 88.3	86.5 89.1	86.7 89.2	86.9 89.4	87.6 90.1	87.7 90.2	88.1 90.6
≥ 1800 ≥ 1500	77.4 77.8	83.4 83.9	84.6 85.2	84.8 85.5	85.6 86.4	85.8 86.5	86.7 87.7	87.2 88.7	87.7 89.3	88.7 90.2	89.4 91.0	89.6 91.2	89.6 91.4	90.5 92.1	90.6 92.2	91.0 92.6
≥ 1200 ≥ 1000	78.0 78.6	84.2 85.0	85.5 86.4	85.8 86.7	86.9 88.1	87.1 88.3	88.3 89.4	89.3 90.6	90.0 91.3	91.0 92.5	91.8 93.4	92.0 93.5	92.2 93.8	92.9 94.5	93.0 94.6	93.4 95.0
≥ 900 ≥ 800	78.6 78.6	85.1 85.4	86.5 86.8	86.8 87.1	88.3 88.5	88.4 88.7	89.6 89.8	90.8 91.0	91.6 91.8	92.7 93.0	93.7 93.9	93.9 94.1	94.1 94.3	94.9 95.1	95.0 95.3	95.4 95.6
≥ 700 ≥ 600	78.6 78.8	86.0 86.2	87.6 88.1	88.0 88.7	89.4 90.1	89.6 90.2	90.9 91.7	92.1 92.9	92.9 93.7	94.1 94.9	95.0 95.8	95.1 95.7	95.4 96.2	96.2 97.0	96.3 97.1	96.7 97.5
≥ 500 ≥ 400	78.8 78.8	86.7 86.7	88.3 88.3	88.8 88.8	90.4 90.4	90.6 90.6	92.1 92.1	93.3 93.3	94.1 94.1	95.3 95.3	96.3 96.3	96.6 96.6	96.6 97.0	97.6 97.8	97.8 97.9	98.2 98.3
≥ 300 ≥ 200	78.8 78.8	86.7 86.7	88.3 88.3	88.9 88.9	90.6 90.6	90.9 90.9	92.5 92.6	93.8 93.9	94.6 94.7	95.8 95.9	97.1 97.4	97.4 97.6	97.9 98.2	98.7 98.9	98.9 99.2	99.5 99.9
≥ 100 0	78.8 78.8	86.7 86.7	88.3 88.3	88.9 88.9	90.6 90.6	90.9 90.9	92.6 92.6	93.9 93.9	94.7 94.7	95.9 95.9	97.4 97.4	97.6 97.6	98.2 98.2	98.9 98.9	99.2 99.2	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

758

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26461

ELMENDORF AFB ALASKA/ANCHORAGE

67-76

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥⅑	≥0
NO CEILING ≥ 20000	44.6 46.2	49.6 51.8	50.3 52.5	50.4 52.6	50.9 53.3	51.2 53.5	51.4 53.8	52.0 54.5	52.0 54.5	52.5 55.0	53.0 55.5	53.4 55.9	54.1 56.6	54.7 57.2	55.1 57.6	55.2 57.7	
IV ≥ 18000 16000	46.6 46.9	52.2 52.5	52.9 53.1	53.0 53.3	53.7 53.9	53.9 54.2	54.2 54.5	54.9 55.1	54.9 55.1	55.4 55.6	55.9 56.2	56.3 56.6	57.0 57.2	57.6 57.9	58.0 58.3	58.1 58.4	
IV ≥ 14000 12000	46.9 48.0	52.5 53.2	53.1 54.6	53.3 54.7	53.9 55.4	54.2 55.6	54.5 55.9	55.1 56.6	55.1 56.6	55.6 57.1	56.2 57.6	56.6 58.0	57.2 58.7	57.9 59.3	58.3 59.7	58.4 59.8	
IV ≥ 10000 9000	49.5 50.4	55.6 56.6	56.3 57.2	56.4 57.3	57.1 58.0	57.3 58.3	57.6 58.5	58.3 59.2	58.3 59.2	58.8 59.7	59.3 60.2	59.7 60.6	60.4 61.3	61.0 61.9	61.4 62.3	61.5 62.5	
IV ≥ 8000 7000	53.1 56.2	59.7 62.2	60.4 63.5	60.5 63.6	61.2 64.3	61.4 64.6	61.7 64.8	62.3 65.5	62.3 65.5	62.9 66.0	63.4 66.5	63.9 66.9	64.4 67.6	65.1 68.2	65.5 68.6	65.6 68.8	
IV ≥ 6000 5000	58.4 62.1	65.7 69.7	66.4 70.3	66.5 70.5	67.2 71.1	67.5 71.4	67.7 71.7	68.4 72.3	68.4 72.3	68.9 72.8	69.4 73.4	69.7 73.8	70.5 74.4	71.1 75.1	71.5 75.5	71.7 75.6	
IV ≥ 4500 4000	63.9 66.3	71.7 74.3	72.3 74.9	72.6 75.2	73.2 75.9	73.5 76.1	73.8 76.4	74.4 77.0	74.4 77.0	74.9 77.6	75.5 78.1	75.9 78.5	76.5 79.1	77.2 79.8	77.6 80.2	77.7 80.3	
IV ≥ 3500 3000	67.3 68.6	75.5 77.6	76.1 78.2	76.4 78.5	77.0 79.1	77.3 79.4	77.6 79.7	78.2 80.4	78.2 80.4	78.7 81.0	79.3 81.5	79.7 81.9	80.3 82.5	81.0 83.2	81.4 83.6	81.5 83.7	
IV ≥ 2500 2000	69.7 70.7	78.7 80.7	79.4 81.5	79.7 82.0	80.3 82.8	80.6 83.1	81.0 83.6	81.9 84.6	81.9 84.6	82.4 85.2	82.9 85.7	83.3 86.1	84.0 86.7	84.6 87.4	85.0 87.8	85.2 87.9	
IV ≥ 1800 1500	70.7 70.9	81.0 82.0	81.8 82.8	82.3 83.6	83.1 84.8	83.3 85.2	84.0 86.2	85.0 87.4	85.0 87.4	85.6 88.1	86.1 88.6	86.5 89.0	87.1 89.6	87.8 90.3	88.2 90.7	88.3 90.8	
IV ≥ 1200 1000	71.1 71.4	82.9 83.5	83.7 84.3	84.8 85.3	86.1 86.6	86.5 87.0	87.5 88.2	88.7 89.4	88.7 89.4	89.4 90.0	89.9 90.6	90.3 90.9	90.9 91.6	91.6 92.3	92.0 92.7	92.1 92.8	
IV ≥ 900 800	71.4 71.4	83.5 83.7	84.4 84.8	85.4 85.8	86.9 87.4	87.3 87.8	88.5 89.2	89.6 90.4	89.6 90.4	90.3 91.1	90.8 91.5	91.2 92.0	91.9 92.7	92.5 93.3	92.9 93.7	93.0 93.8	
IV ≥ 700 600	71.4 71.8	84.4 85.0	85.4 86.2	86.5 87.4	88.1 89.0	88.5 89.4	89.9 90.8	91.1 92.0	91.1 92.0	91.7 92.6	92.3 93.3	92.7 93.7	93.3 94.4	94.0 95.0	94.4 95.4	94.5 95.5	
IV ≥ 500 400	71.8 71.8	85.3 85.7	86.6 87.0	87.9 88.3	89.8 90.3	90.2 90.7	91.7 92.3	92.9 93.4	93.0 93.6	94.4 94.9	94.9 95.4	95.3 95.8	95.9 96.5	96.6 97.1	97.0 97.5	97.1 97.6	
IV ≥ 300 200	71.9 71.9	85.8 85.8	87.1 87.1	88.5 88.6	90.4 90.6	90.8 90.9	92.4 92.5	93.6 93.8	93.7 94.0	95.1 95.4	95.7 96.1	96.1 96.5	96.7 97.2	97.5 98.2	97.9 98.6	98.0 98.8	
IV ≥ 100 0	71.9 71.9	86.0 86.0	87.3 87.3	88.7 88.7	90.7 90.7	91.1 91.1	92.7 92.7	94.0 94.0	94.1 94.1	95.5 95.5	96.5 96.5	96.9 96.9	97.8 97.8	98.7 98.7	99.3 99.3	99.7 100.0	

TOTAL NUMBER OF OBSERVATIONS

762

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

7-76

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≤10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	41.3 42.6	46.1 47.7	47.3 48.6	47.7 47.2	48.6 50.1	48.7 50.3	48.8 51.4	50.3 51.3	50.5 52.1	51.2 52.7	51.7 53.2	52.1 53.6	52.7 54.3	53.5 55.1	53.8 55.3	54.8 56.5
IV 18000 IV 16000	43.4 43.9	48.4 49.0	49.6 50.1	50.0 50.5	50.9 51.4	51.0 51.6	51.2 51.7	52.6 53.1	52.8 53.4	53.5 54.0	54.0 54.5	54.4 54.9	55.1 55.6	55.8 56.3	56.1 56.6	57.3 57.8
IV 14000 IV 12000	44.4 44.9	49.5 50.1	50.6 51.3	51.0 51.7	51.9 52.6	52.1 52.7	52.2 52.8	53.6 54.3	53.9 54.5	54.5 55.2	55.1 55.7	55.4 56.1	56.1 56.7	56.9 57.5	57.1 57.8	58.3 58.9
IV 10000 IV 9000	46.1 47.5	51.8 53.2	53.0 54.4	53.4 54.8	54.3 55.7	54.4 55.8	54.5 56.0	56.0 57.4	56.2 57.6	56.9 58.3	57.4 58.8	57.9 59.3	58.4 59.8	59.2 60.6	59.5 60.9	60.6 62.0
IV 8000 IV 7000	51.3 55.4	57.1 61.8	58.3 63.0	58.7 63.3	59.6 64.2	59.7 64.4	59.8 64.5	61.3 65.9	61.5 66.2	62.2 66.8	62.7 67.4	63.1 67.7	63.7 68.4	64.5 69.2	64.8 69.4	65.9 70.6
IV 6000 IV 5000	57.6 61.0	64.2 65.3	65.4 69.4	65.8 69.8	66.7 70.7	66.8 70.9	67.0 71.0	68.4 72.4	68.7 72.7	69.3 73.3	69.8 73.6	70.2 74.2	70.9 74.9	71.6 75.6	71.9 75.9	73.1 77.1
IV 4500 IV 4000	63.2 63.9	71.0 71.9	72.2 73.2	72.5 73.6	73.4 74.5	73.6 74.6	73.7 74.7	75.1 76.2	75.4 76.4	76.0 77.1	76.6 77.6	76.9 78.0	77.6 78.6	78.4 79.4	78.6 79.7	79.8 80.8
IV 3500 IV 3000	65.0 65.7	73.4 74.1	74.7 75.4	75.1 75.8	76.0 76.7	76.2 76.8	76.3 76.9	77.7 78.4	78.0 78.6	78.6 79.3	79.1 79.8	79.5 80.2	80.2 80.8	81.0 81.6	81.2 81.9	82.4 83.0
IV 2500 IV 2000	66.5 67.1	75.1 77.1	76.7 78.6	77.1 79.3	78.0 80.2	78.1 80.3	78.2 80.4	79.7 81.9	79.9 82.1	80.6 82.8	81.1 83.3	81.6 83.7	82.1 84.3	82.9 85.1	83.2 85.4	84.3 86.5
IV 1800 IV 1500	67.2 67.6	77.6 78.6	79.1 80.2	80.1 81.1	81.0 82.1	81.1 82.4	81.2 82.8	82.6 84.3	82.9 84.7	83.5 85.4	84.1 85.9	84.5 86.3	85.1 86.9	85.9 87.7	86.1 88.0	87.3 89.1
IV 1200 IV 1000	68.0 68.1	79.3 79.7	80.8 81.3	81.7 82.3	82.9 83.4	83.2 83.7	83.7 84.2	85.2 85.9	85.6 86.3	86.3 87.0	86.8 87.6	87.2 88.0	87.6 88.6	88.6 89.4	88.9 89.6	90.0 90.8
IV 900 IV 800	68.1 68.1	79.9 81.1	81.6 81.7	82.5 82.6	83.8 83.9	84.1 84.2	84.6 84.7	86.3 86.5	86.7 87.0	87.4 87.8	88.0 88.3	88.3 88.7	89.0 89.4	89.8 90.2	90.0 90.4	91.2 91.6
IV 700 IV 600	68.1 68.4	80.1 82.7	81.7 82.5	82.6 83.5	83.9 84.8	84.2 85.1	84.8 85.8	86.7 87.6	87.2 88.1	88.0 89.0	88.5 89.6	88.9 89.9	89.6 90.6	90.4 91.6	90.7 91.8	91.8 93.0
IV 500 IV 400	68.4 68.5	81.0 81.1	82.9 83.5	84.1 85.0	85.4 86.3	85.6 86.5	86.4 87.4	88.5 89.6	89.1 90.3	90.3 91.6	90.9 92.2	91.6 92.9	92.4 93.7	93.1 94.4	93.4 94.8	94.6 96.0
IV 300 IV 200	68.5 68.5	81.2 81.3	83.8 84.1	85.4 85.6	86.7 86.9	86.9 87.3	87.8 88.2	90.0 90.4	90.8 91.2	92.4 92.9	93.0 93.7	93.7 94.2	94.4 95.2	95.5 96.5	96.0 97.3	97.2 98.6
IV 100 IV 0	68.5 68.5	81.3 81.3	84.2 84.2	85.8 85.8	87.0 87.0	87.4 87.4	88.3 88.3	90.5 90.5	91.3 91.3	93.0 93.0	93.3 93.8	94.4 94.4	95.6 95.6	97.2 97.2	98.2 98.2	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

772

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

PL 0
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥0
NO CEILING	34.1	38.8	39.3	39.8	40.4	40.4	40.9	41.3	41.6	42.7	43.1	43.2	43.5	43.6	44.2	44.5
≥ 20000	35.0	40.6	41.1	41.6	42.2	42.2	42.7	43.1	43.4	44.5	44.7	45.0	45.3	45.4	46.0	46.3
≥ 18000	36.0	41.0	41.6	42.0	42.7	42.7	43.1	43.5	43.8	44.9	45.3	45.4	45.7	45.8	46.4	46.7
≥ 16000	36.1	41.1	41.7	42.1	42.8	42.8	43.2	43.6	43.9	45.0	45.4	45.6	45.8	46.0	46.5	46.8
≥ 14000	36.4	41.4	42.0	42.4	43.1	43.1	43.5	43.9	44.2	45.3	45.7	45.8	46.1	46.3	46.8	47.1
≥ 12000	39.1	44.2	44.7	45.2	45.8	45.8	46.3	46.7	47.0	48.1	48.5	48.6	48.9	49.0	49.6	49.9
≥ 10000	40.9	46.0	46.5	47.0	47.6	47.6	48.1	48.5	48.8	49.9	50.3	50.4	50.7	50.8	51.4	51.7
≥ 9000	43.9	49.0	49.6	50.0	50.7	50.7	51.1	51.5	51.8	52.9	53.3	53.5	53.7	53.9	54.4	54.7
≥ 8000	45.8	51.3	52.4	52.9	53.6	53.6	54.0	54.4	54.7	55.8	56.2	56.4	56.6	56.8	57.3	57.6
≥ 7000	51.0	57.8	58.4	58.9	59.6	59.6	60.0	60.4	60.7	61.8	62.2	62.3	62.6	62.7	63.3	63.6
≥ 6000	54.0	62.2	62.7	63.3	64.0	64.0	64.4	64.8	65.1	66.2	66.6	66.8	67.0	67.2	67.7	68.0
≥ 5000	58.4	66.9	67.5	68.0	68.7	68.7	69.1	69.5	69.8	70.9	71.3	71.5	71.7	71.9	72.4	72.7
≥ 4500	61.6	70.4	70.9	71.5	72.2	72.2	72.6	73.0	73.3	74.4	74.8	74.9	75.2	75.3	75.9	76.2
≥ 4000	64.4	73.4	74.0	74.5	75.3	75.3	75.8	76.2	76.5	77.6	78.0	78.1	78.4	78.5	79.1	79.4
≥ 3500	65.8	75.2	75.9	76.5	77.3	77.3	77.7	78.1	78.4	79.5	79.9	80.1	80.3	80.5	81.0	81.3
≥ 3000	66.2	76.6	78.1	78.7	79.6	79.6	80.1	80.5	80.7	81.9	82.3	82.4	82.7	82.8	83.4	83.7
≥ 2500	66.3	79.1	80.6	81.2	82.1	82.1	82.5	83.0	83.2	84.3	84.6	84.7	85.0	85.1	85.7	86.0
≥ 2000	67.3	80.9	82.7	83.4	84.3	84.3	84.8	85.3	85.6	86.7	87.1	87.3	87.5	88.1	88.6	88.9
≥ 1800	67.3	81.0	83.0	84.1	85.2	85.2	85.6	86.1	86.4	87.7	88.1	88.2	88.5	89.1	89.6	89.9
≥ 1500	67.3	81.7	83.8	85.2	86.3	86.3	86.7	87.3	88.0	89.6	90.0	90.2	90.4	91.0	91.6	91.8
≥ 1200	67.3	83.0	85.2	86.7	88.0	88.5	89.2	90.0	90.6	92.0	92.4	92.5	92.8	93.4	93.9	94.2
≥ 1000	67.3	83.2	85.6	87.3	88.6	89.2	90.0	91.1	91.7	93.1	93.5	93.6	93.9	94.5	95.0	95.3
≥ 900	67.3	83.2	85.6	87.3	88.6	89.2	90.0	91.1	91.7	93.1	93.5	93.6	93.9	94.5	95.0	95.3
≥ 800	67.3	83.2	85.7	87.4	88.8	89.3	90.3	91.4	92.0	93.4	93.8	93.9	94.2	94.7	95.3	95.6
≥ 700	67.3	83.2	85.9	87.5	88.9	89.5	90.9	92.0	92.5	93.9	94.3	94.5	94.7	95.3	95.8	96.1
≥ 600	67.3	83.2	86.3	88.1	89.5	90.0	91.4	92.8	93.4	94.7	95.2	95.3	95.6	96.1	96.7	97.0
≥ 500	67.3	83.2	86.3	88.2	89.6	90.2	91.8	93.5	94.0	95.4	95.8	96.1	96.4	97.0	97.5	97.8
≥ 400	67.3	83.2	86.3	88.4	90.0	90.7	92.4	94.7	94.6	96.3	96.7	97.0	97.2	97.8	98.3	98.6
≥ 300	67.3	83.2	86.4	88.5	90.2	91.0	92.7	94.3	94.9	97.0	97.5	97.8	98.1	98.6	99.2	99.4
≥ 200	67.3	83.4	86.7	88.8	90.4	91.3	92.9	94.6	95.2	97.2	97.8	98.1	98.5	98.9	99.4	99.7
≥ 100	67.3	83.4	86.8	88.9	90.6	91.4	93.1	94.7	95.3	97.4	97.9	98.2	98.5	99.0	99.7	100.0
≥ 0	67.3	83.4	86.8	88.9	90.6	91.4	93.1	94.7	95.3	97.4	97.9	98.2	98.5	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

722

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-76

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0.05	≥ 0.01	≥ 0
NO CEILING ≥ 20000	33.1	38.7	39.3	39.4	40.3	40.7	41.8	41.4	41.4	41.8	42.7	42.7	42.7	43.5	44.1	44.3
IV 18000	33.7	39.5	40.0	40.1	41.0	41.4	41.5	42.1	42.1	42.5	43.4	43.5	43.5	44.2	44.6	45.0
IV 15000	33.8	39.7	40.1	40.3	41.1	41.5	41.7	42.2	42.2	42.7	43.5	43.6	43.6	44.3	44.9	45.2
IV 14000	34.5	40.4	40.8	41.0	41.8	42.2	42.4	42.9	42.9	43.4	44.2	44.3	44.3	45.0	45.6	45.9
IV 12000	37.1	42.9	43.4	43.5	44.3	44.8	44.9	45.5	45.5	45.9	46.7	46.9	47.0	47.6	48.1	48.4
IV 10000	40.7	46.6	47.0	47.1	48.0	48.4	48.5	49.1	49.1	49.5	50.3	50.5	50.6	51.2	51.7	52.0
IV 9000	42.7	48.5	49.0	49.1	49.9	50.3	50.5	51.0	51.0	51.5	52.3	52.4	52.6	53.1	53.7	54.0
IV 8000	45.7	51.9	52.3	52.6	53.4	53.8	54.0	54.5	54.5	55.0	55.6	55.9	56.1	56.6	57.2	57.5
IV 7000	50.2	57.2	57.6	58.0	58.4	59.3	59.4	60.1	60.1	60.6	61.5	61.7	61.9	62.4	62.9	63.2
IV 6000	54.7	62.8	63.2	63.6	64.5	64.9	65.0	65.7	65.7	66.2	67.1	67.3	67.4	68.0	68.5	68.8
IV 5000	56.8	66.3	66.7	67.1	68.0	68.4	68.5	69.2	69.2	69.7	70.6	70.6	70.7	71.5	72.0	72.3
IV 4500	59.6	69.2	69.8	70.2	71.0	71.5	71.6	72.3	72.3	72.7	73.7	73.7	74.0	74.5	75.1	75.4
IV 4000	61.7	71.6	72.2	72.6	73.4	73.8	74.0	74.7	74.7	75.1	76.1	76.2	76.3	77.1	77.6	77.9
IV 3500	63.8	74.3	74.8	75.2	76.1	76.5	76.6	77.3	77.3	77.8	78.7	78.9	79.2	79.7	80.3	80.6
IV 3000	65.7	77.8	78.5	78.9	79.7	80.1	80.4	81.1	81.3	81.7	82.7	82.8	83.1	83.6	84.2	84.5
IV 2500	66.9	79.6	80.3	80.8	82.0	82.4	82.7	83.4	83.5	83.9	84.9	85.0	85.3	85.9	86.4	86.7
IV 2000	67.1	81.1	82.1	82.8	84.1	84.5	84.3	85.4	85.9	86.3	87.3	87.4	87.7	88.4	89.0	89.2
IV 1800	67.3	81.8	82.9	83.6	84.9	85.3	85.6	86.4	86.9	87.3	88.3	88.4	88.7	89.4	89.9	90.2
IV 1500	67.3	82.3	83.5	84.6	86.0	86.4	86.7	87.6	88.1	88.5	89.5	89.7	89.9	90.6	91.2	91.5
IV 1200	67.3	82.5	84.1	85.2	86.7	87.1	87.4	88.7	89.4	89.8	90.8	90.9	91.2	91.9	92.4	92.7
IV 1000	67.3	83.4	84.9	86.0	87.6	88.0	88.4	89.8	90.5	91.0	92.0	92.2	92.4	93.1	93.7	94.0
IV 900	67.4	83.5	85.2	86.3	87.8	88.3	88.7	90.2	90.9	91.5	92.4	92.6	92.9	93.6	94.1	94.4
IV 800	67.4	83.6	85.3	86.4	88.0	88.7	89.1	90.8	91.5	92.0	93.0	93.1	93.4	94.1	94.7	95.0
IV 700	67.4	83.6	85.3	86.6	88.3	89.0	89.5	91.2	92.0	92.6	93.6	93.7	94.0	94.7	95.2	95.5
IV 600	67.4	83.8	85.6	86.9	88.7	89.4	89.9	91.9	92.7	93.4	94.4	94.5	94.6	95.5	96.1	96.4
IV 500	67.4	83.8	85.9	87.1	89.1	90.1	90.8	92.7	93.6	94.3	95.2	95.4	95.7	96.4	96.9	97.2
IV 400	67.4	84.2	86.6	87.6	89.8	90.8	91.6	93.7	94.5	95.2	96.2	96.4	96.6	97.3	97.9	98.2
IV 300	67.4	84.3	86.9	88.1	90.1	91.0	91.9	94.0	94.8	95.5	96.5	96.6	96.9	97.6	98.2	98.5
IV 200	67.4	84.6	87.1	88.4	90.3	91.3	92.2	94.5	95.4	96.1	97.1	97.2	97.3	98.3	99.0	99.3
IV 100	67.4	84.6	87.1	88.4	90.3	91.3	92.2	94.5	95.4	96.1	97.2	97.3	97.6	98.7	99.4	100.0
IV 0	67.4	84.6	87.1	88.4	90.3	91.3	92.2	94.5	95.4	96.1	97.2	97.3	97.6	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

715

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-76
YEARS

1 FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0300
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	30.9	34.3	34.5	34.7	35.0	35.2	35.6	36.0	36.3	37.3	37.3	38.0	38.7	38.8	39.8	40.8
≥ 20000	32.2	35.6	35.7	36.0	36.3	36.4	36.8	37.3	37.6	38.5	39.1	39.2	39.9	40.1	41.1	42.1
≥ 18000	32.5	35.9	36.0	36.3	36.6	36.7	37.1	37.6	37.8	38.8	39.4	39.5	40.2	40.4	41.4	42.3
IV 16000	32.5	35.9	36.0	36.3	36.6	36.7	37.1	37.6	37.8	38.8	39.4	39.5	40.2	40.4	41.4	42.3
IV 14000	33.2	36.6	36.7	37.0	37.3	37.4	37.8	38.3	38.5	39.5	40.1	40.2	40.9	41.1	42.1	43.0
IV 12000	36.0	39.4	39.5	39.8	40.1	40.2	40.6	41.1	41.4	42.3	42.5	43.0	43.7	43.9	44.9	45.9
IV 10000	38.7	42.3	42.5	42.8	43.0	43.2	43.6	44.0	44.3	45.4	46.0	46.1	46.8	47.0	48.0	48.9
IV 9000	40.9	44.6	44.7	45.0	45.3	45.4	45.8	46.3	46.6	47.7	48.2	48.4	49.1	49.2	50.2	51.2
IV 8000	46.6	50.2	50.4	50.6	51.2	51.3	51.8	52.2	52.5	53.6	54.1	54.3	55.0	55.1	56.1	57.1
IV 7000	52.2	56.8	57.0	57.2	57.8	57.9	58.4	58.8	59.1	60.2	60.6	60.9	61.6	61.7	62.7	63.7
IV 6000	54.4	60.1	60.3	60.6	61.2	61.3	61.7	62.2	62.4	63.6	64.1	64.3	65.0	65.1	66.1	67.1
IV 5000	59.2	65.3	66.1	66.4	66.8	67.1	67.5	67.9	68.2	69.3	69.9	70.0	70.7	70.9	71.9	72.9
IV 4500	62.0	68.9	69.2	69.5	70.0	70.2	70.6	71.0	71.3	72.4	73.0	73.1	73.8	74.0	75.0	75.9
IV 4000	64.8	72.4	72.7	73.0	73.6	73.7	74.1	74.5	74.8	75.9	76.5	76.7	77.4	77.5	78.5	79.5
IV 3500	66.5	74.4	75.0	75.2	75.8	75.9	76.4	76.8	77.1	78.2	78.8	78.9	79.6	79.7	80.7	81.7
IV 3000	68.4	76.7	77.2	77.5	78.1	78.2	78.8	79.2	79.5	80.6	81.2	81.3	82.0	82.1	83.1	84.1
IV 2500	69.2	77.8	78.3	78.9	79.5	79.6	80.2	80.9	81.3	82.4	83.0	83.1	83.8	84.0	85.0	85.9
IV 2000	70.0	79.9	81.0	81.6	82.3	82.4	83.0	83.7	84.1	85.2	85.8	85.9	86.6	86.8	87.8	88.7
IV 1800	70.0	80.2	81.4	82.0	82.7	83.0	83.5	84.2	84.6	85.7	86.4	86.5	87.2	87.3	88.3	89.3
IV 1500	70.2	80.5	82.1	83.0	84.0	84.5	85.2	86.4	86.9	88.2	88.7	88.9	89.6	89.7	90.7	91.7
IV 1200	70.2	80.9	82.6	83.5	84.5	85.1	85.8	87.1	87.8	89.2	89.7	89.9	90.6	90.7	91.7	92.7
IV 1000	70.2	81.7	83.4	84.5	85.5	86.1	86.8	88.3	89.0	90.4	91.0	91.1	91.8	92.0	93.0	94.0
IV 900	70.2	81.9	83.5	84.7	85.7	86.2	86.9	88.6	89.3	90.7	91.4	91.6	92.3	92.4	93.4	94.4
IV 800	70.2	81.9	83.7	84.8	85.8	86.4	87.1	88.7	89.5	90.9	91.6	91.7	92.4	92.5	93.5	94.5
IV 700	70.5	82.1	84.0	85.1	86.2	86.8	87.5	89.3	90.0	91.4	92.1	92.3	93.0	93.1	94.1	95.1
IV 600	70.5	82.1	84.0	85.1	86.2	86.8	87.5	89.5	90.2	92.0	92.7	92.8	93.7	93.8	94.8	95.8
IV 500	70.5	82.1	84.2	85.5	86.8	87.5	88.3	90.3	91.0	92.8	93.5	93.7	94.5	94.7	95.6	96.6
IV 400	70.5	82.6	84.7	85.9	87.3	88.0	88.9	90.9	91.6	93.7	94.4	94.5	95.4	95.5	96.5	97.5
IV 300	70.8	82.7	84.8	86.2	87.6	88.3	89.6	91.6	92.3	94.4	95.1	95.2	96.1	96.2	97.2	98.2
IV 200	70.6	82.7	84.8	86.2	87.6	88.5	89.9	91.8	92.5	94.7	95.5	95.7	96.6	96.8	97.9	98.9
IV 100	70.6	82.7	84.8	86.2	87.6	88.5	90.0	92.0	92.7	94.8	95.9	96.2	97.2	97.5	98.6	99.9
IV 0	70.6	82.7	84.8	86.2	87.6	88.5	91.0	92.0	92.7	94.8	95.9	96.2	97.2	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

711

USAF ETAC

FORM
JUL 64

0-11.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20600 ELMENTORE AFH ALASKA/ANCHORAGE 7-76

FF6

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	36.6	37.1	38.0	38.0	38.4	38.4	38.5	38.9	39.2	39.6	39.7	40.3	40.5	40.8	41.2	41.9
≥ 20000	38.5	39.2	40.2	40.2	40.6	40.6	40.9	41.3	41.6	42.1	42.4	42.8	43.0	43.3	43.7	44.4
≥ 18000	40.2	41.0	42.0	42.0	42.4	42.4	42.7	43.1	43.4	43.9	44.2	44.6	44.8	45.1	45.5	46.2
≥ 16000	40.6	41.4	42.4	42.4	42.8	42.8	43.1	43.5	43.8	44.4	44.6	45.1	45.2	45.5	45.9	46.6
≥ 14000	41.7	42.6	43.5	43.5	43.9	43.9	44.2	44.6	44.9	45.5	45.8	46.2	46.3	46.6	47.0	47.7
≥ 12000	43.7	44.5	45.5	45.5	45.9	45.9	46.2	46.6	46.9	47.4	47.7	48.1	48.2	48.5	49.0	49.7
≥ 10000	45.8	46.7	47.7	47.7	48.3	48.3	48.7	49.1	49.4	49.9	50.2	50.6	50.7	51.0	51.5	52.2
≥ 9000	48.4	49.4	50.3	50.3	50.9	50.9	51.3	51.7	52.1	52.6	52.9	53.2	53.4	53.7	54.1	54.8
≥ 8000	53.7	54.9	55.9	55.9	56.5	56.5	57.0	57.4	57.7	58.3	58.6	59.0	59.1	59.4	59.8	60.5
≥ 7000	60.1	61.8	62.7	62.7	63.3	63.3	63.8	64.3	64.5	65.1	65.4	65.8	65.9	66.2	66.6	67.3
≥ 6000	65.0	66.6	67.6	67.6	68.2	68.2	68.7	69.1	69.4	70.0	70.2	70.7	70.8	71.1	71.5	72.2
≥ 5000	69.7	71.0	72.0	72.0	72.6	72.6	73.1	73.4	73.7	74.1	74.4	75.0	75.2	75.7	76.1	77.2
≥ 4500	72.3	74.8	75.8	75.8	76.4	76.4	76.9	77.3	77.6	78.2	78.4	78.9	79.0	79.3	79.7	80.4
≥ 4000	73.9	77.1	78.2	78.2	78.9	78.9	79.4	79.7	80.1	80.7	80.9	81.4	81.5	81.8	82.2	82.9
≥ 3500	76.2	79.7	80.8	80.8	81.6	81.6	82.2	82.5	82.9	83.4	83.7	84.1	84.3	84.6	85.0	85.7
≥ 3000	77.5	81.9	83.0	83.0	84.0	84.0	84.6	85.0	85.4	86.0	86.2	86.6	86.8	87.1	87.5	88.2
≥ 2500	77.9	82.9	84.3	84.3	85.3	85.3	85.8	86.2	86.6	87.2	87.5	87.9	88.0	88.3	88.7	89.4
≥ 2000	78.2	83.2	85.1	85.1	86.4	86.4	86.9	87.3	87.8	88.3	88.6	89.0	89.2	89.4	89.8	90.5
≥ 1800	78.3	83.3	85.3	85.3	86.8	86.8	87.3	87.8	88.2	88.7	89.0	89.4	89.6	89.8	90.3	91.0
≥ 1500	78.3	83.6	85.7	85.7	87.2	87.2	87.7	88.2	88.6	89.1	89.4	89.7	90.0	90.4	90.8	91.9
≥ 1200	78.7	84.0	86.1	86.1	87.6	87.6	88.1	88.6	89.0	89.5	89.8	90.1	90.4	90.7	91.1	92.3
≥ 1000	78.7	84.6	86.8	86.8	88.3	88.3	88.8	89.3	89.7	90.2	90.5	90.8	91.1	91.4	91.8	93.3
≥ 900	78.7	84.6	86.8	86.8	88.3	88.3	88.8	89.3	89.7	90.2	90.5	90.8	91.1	91.4	91.8	93.3
≥ 800	78.7	84.7	86.9	86.9	88.4	88.4	88.9	89.4	89.8	90.3	90.6	90.9	91.2	91.5	91.9	93.4
≥ 700	78.7	84.8	87.1	87.1	88.6	88.6	89.1	89.5	89.9	90.4	90.7	91.0	91.3	91.6	92.0	93.5
≥ 600	78.7	84.8	87.1	87.1	88.6	88.6	89.1	89.5	89.9	90.4	90.7	91.0	91.3	91.6	92.0	93.5
≥ 500	78.9	85.1	87.3	87.3	88.8	88.8	89.3	89.7	90.1	90.6	90.9	91.2	91.5	91.8	92.2	93.7
≥ 400	78.9	85.1	87.3	87.3	88.8	88.8	89.3	89.7	90.1	90.6	90.9	91.2	91.5	91.8	92.2	93.7
≥ 300	78.9	85.1	87.3	87.3	88.8	88.8	89.3	89.7	90.1	90.6	90.9	91.2	91.5	91.8	92.2	93.7
≥ 200	78.9	85.1	87.3	87.3	88.8	88.8	89.3	89.7	90.1	90.6	90.9	91.2	91.5	91.8	92.2	93.7
≥ 100	78.9	85.1	87.3	87.3	88.8	88.8	89.3	89.7	90.1	90.6	90.9	91.2	91.5	91.8	92.2	93.7

TOTAL NUMBER OF OBSERVATIONS

719

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-76
YEARS

FF6
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1203-1600
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	39.8	40.2	40.9	40.9	41.3	41.3	41.3	41.5	41.5	41.7	42.4	42.6	42.6	42.7	42.7	42.7
≥ 20000	44.5	45.1	45.8	45.8	46.2	46.2	46.2	46.5	46.5	46.8	47.5	47.6	47.6	47.8	47.8	47.8
≥ 18000	45.8	46.4	47.1	47.1	47.5	47.5	47.5	47.8	47.8	48.0	48.7	48.9	48.9	49.0	49.0	49.0
≥ 16000	46.1	46.9	47.3	47.3	47.8	47.8	47.8	48.0	48.0	48.3	49.0	49.2	49.2	49.3	49.3	49.3
≥ 14000	47.1	47.6	48.3	48.3	48.7	48.7	48.7	49.0	49.0	49.3	50.0	50.1	50.1	50.3	50.3	50.3
≥ 12000	48.1	48.3	49.3	49.3	49.7	49.7	49.7	50.0	50.0	50.3	51.0	51.1	51.1	51.3	51.3	51.3
≥ 10000	50.8	51.5	52.2	52.2	52.7	52.7	52.7	52.9	52.9	53.2	53.9	54.1	54.1	54.2	54.2	54.2
≥ 9000	54.1	54.8	55.5	55.5	55.9	55.9	55.9	56.2	56.2	56.4	57.2	57.4	57.4	57.6	57.6	57.6
≥ 8000	60.1	61.1	61.9	61.9	62.3	62.3	62.3	62.6	62.6	62.9	63.7	63.9	63.9	64.0	64.0	64.0
≥ 7000	66.4	67.4	68.3	68.3	68.8	68.8	68.8	69.0	69.0	69.3	70.2	70.3	70.3	70.4	70.4	70.4
≥ 6000	70.0	71.1	72.1	72.1	72.5	72.5	72.5	73.0	73.0	73.2	74.1	74.2	74.2	74.4	74.4	74.4
≥ 5000	74.4	75.9	76.9	76.9	77.3	77.3	77.3	77.7	77.7	77.7	78.9	79.0	79.0	79.1	79.1	79.1
≥ 4500	77.3	79.0	80.0	80.0	80.4	80.4	80.4	80.8	80.8	81.1	81.9	82.1	82.1	82.2	82.2	82.2
≥ 4000	78.9	81.1	82.1	82.1	82.6	82.6	82.6	83.1	83.1	83.3	84.2	84.3	84.3	84.5	84.5	84.5
≥ 3500	80.0	82.4	83.5	83.5	84.0	84.0	84.0	84.5	84.5	84.7	85.6	85.7	85.7	85.9	85.9	85.9
≥ 3000	81.8	85.4	87.0	87.0	87.7	87.7	87.7	88.1	88.1	88.5	89.4	89.5	89.5	89.6	89.6	89.6
≥ 2500	82.9	86.7	88.4	88.4	89.2	89.2	89.2	89.6	89.6	90.1	90.9	91.0	91.0	91.2	91.2	91.2
≥ 2000	83.6	88.1	89.9	89.9	90.1	90.1	90.1	90.5	90.5	91.5	91.9	92.7	92.7	92.9	93.0	93.0
≥ 1800	83.6	88.4	90.2	90.2	90.5	90.5	90.5	91.7	91.7	92.2	92.2	92.6	92.6	93.0	93.0	93.0
≥ 1500	83.6	88.4	90.2	90.2	90.5	90.5	90.5	91.7	91.7	92.2	92.2	92.6	92.6	93.0	93.0	93.0
≥ 1200	84.0	88.8	90.6	90.6	90.9	90.9	90.9	92.3	92.3	92.7	93.4	93.4	93.4	93.6	93.6	93.6
≥ 1000	84.0	88.8	90.6	90.6	90.9	90.9	90.9	92.3	92.3	92.7	93.4	93.4	93.4	93.6	93.6	93.6
≥ 900	84.0	88.9	90.9	90.9	91.2	91.2	91.2	92.7	92.7	93.4	94.1	94.3	94.3	94.6	94.6	94.6
≥ 800	84.0	88.9	90.9	90.9	91.2	91.2	91.2	92.7	92.7	93.4	94.1	94.3	94.3	94.6	94.6	94.6
≥ 700	84.0	88.9	90.9	90.9	91.2	91.2	91.2	92.7	92.7	93.4	94.1	94.3	94.3	94.6	94.6	94.6
≥ 600	84.0	88.9	90.9	90.9	91.2	91.2	91.2	92.7	92.7	93.4	94.1	94.3	94.3	94.6	94.6	94.6
≥ 500	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5
≥ 400	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5
≥ 300	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5
≥ 200	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5
≥ 100	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5
≥ 0	84.0	89.1	91.0	91.0	91.5	91.5	91.5	93.1	93.1	93.4	94.3	94.8	94.8	95.5	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS

714

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELEMENTORF AFB ALASKA/ANCHORAGE 67-76

FFB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.9
≥ 20000	42.4	42.5	42.5	42.5	42.7	42.7	42.7	42.8	42.9	42.9	43.1	43.1	43.1	43.4	43.6	43.6
≥ 18000	42.5	42.7	42.7	42.7	42.8	42.8	42.8	42.9	43.1	43.1	43.2	43.5	43.6	43.8	43.8	43.8
≥ 16000	42.8	42.9	42.9	42.9	43.1	43.1	43.1	43.2	43.4	43.4	43.5	43.8	44.1	44.1	44.1	44.1
≥ 14000	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.5	44.6	44.6	44.8	45.1	45.3	45.3	45.3	45.3
≥ 12000	46.7	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.3	47.3	47.4	47.7	48.1	48.0	48.0	48.0
≥ 10000	52.6	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.3	53.3	53.4	53.7	54.0	54.0	54.0	54.0
≥ 9000	55.1	55.4	55.4	55.4	55.5	55.5	55.5	55.7	55.8	55.8	55.9	56.2	56.5	56.5	56.5	56.5
≥ 8000	59.9	60.1	60.3	60.3	60.4	60.4	60.4	60.6	60.7	60.7	60.8	61.1	61.4	61.4	61.4	61.4
≥ 7000	65.7	66.0	66.2	66.2	66.3	66.3	66.3	66.4	66.6	66.6	66.7	67.1	67.3	67.3	67.3	67.3
≥ 5000	70.2	70.6	70.8	70.8	71.0	71.0	71.0	71.2	71.3	71.3	71.5	71.7	72.0	72.0	72.0	72.0
≥ 5000	74.5	75.2	75.4	75.4	75.9	75.9	75.9	76.1	76.2	76.2	76.4	76.6	76.9	76.9	76.9	76.9
≥ 4500	76.2	77.1	77.3	77.3	77.7	77.7	77.7	78.0	78.2	78.3	78.5	78.7	79.0	79.0	79.0	79.0
≥ 4000	78.3	79.5	80.0	80.0	80.6	80.6	80.6	80.9	81.0	81.0	81.1	81.4	81.7	81.7	81.7	81.7
≥ 3500	81.1	82.8	83.2	83.2	83.8	83.8	83.8	84.1	84.2	84.2	84.3	84.6	84.9	84.9	84.9	84.9
≥ 3000	83.4	86.4	87.1	87.3	88.0	88.0	88.0	88.5	88.7	88.7	88.8	89.1	89.4	89.4	89.4	89.4
≥ 2500	84.2	88.0	89.0	89.1	89.9	90.1	90.3	90.6	90.8	90.8	90.9	91.2	91.5	91.5	91.5	91.5
≥ 2000	84.9	88.8	90.1	90.5	91.3	91.7	92.4	92.9	93.0	93.0	93.1	93.4	93.7	93.7	93.7	93.7
≥ 1800	85.0	89.0	90.3	90.8	91.6	92.0	92.7	93.1	93.3	93.3	93.4	93.7	94.0	94.0	94.0	94.0
≥ 1500	85.2	89.1	90.6	91.0	92.0	92.4	93.1	93.7	94.1	94.1	94.3	94.5	94.8	94.8	94.8	94.8
≥ 1200	85.2	89.1	90.6	91.0	92.0	92.6	93.4	94.0	94.4	94.4	94.5	95.0	95.2	95.5	95.5	95.5
≥ 1000	85.2	89.1	90.6	91.0	92.2	92.9	93.8	94.5	95.0	95.0	95.5	95.9	96.2	96.5	96.5	96.5
≥ 900	85.2	89.1	90.6	91.0	92.2	92.9	93.8	94.5	95.0	95.0	95.5	95.9	96.2	96.5	96.5	96.5
≥ 800	85.2	89.1	90.6	91.0	92.4	93.1	94.3	95.0	95.5	95.5	96.5	97.2	97.5	97.9	97.9	97.9
≥ 700	85.2	89.1	90.6	91.0	92.4	93.1	94.3	95.1	95.7	96.6	97.3	97.6	98.0	98.0	98.0	98.0
≥ 600	85.2	89.1	90.6	91.0	92.4	93.1	94.4	95.2	95.9	97.2	97.9	98.2	98.6	98.6	98.6	98.6
≥ 500	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.7	96.4	97.6	98.3	98.6	99.0	99.0	99.0	99.0
≥ 400	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.7	96.4	97.8	98.5	98.7	99.2	99.2	99.2	99.2
≥ 300	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.8	96.6	98.3	99.0	99.3	99.9	99.9	100.0	100.0
≥ 200	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.8	96.6	98.3	99.0	99.3	99.9	99.9	100.0	100.0
≥ 100	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.8	96.6	98.3	99.0	99.3	99.9	99.9	100.0	100.0
≥ 0	85.5	89.4	91.0	91.5	92.9	93.6	94.8	95.8	96.6	98.3	99.0	99.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

715

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/14C

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4
NO CEILING ≥ 20000	35.5 36.1	37.2 40.2	37.5 40.5	37.5 40.5	37.5 40.5	37.5 40.5	37.5 40.5	37.8 40.8	37.8 40.8	37.9 40.9	38.2 41.2	38.2 41.2	38.2 41.2	38.2 41.2	38.2 41.2	38.2 41.2
≥ 18000 IV 16000	36.5 38.5	40.6 40.7	40.9 41.1	40.9 41.1	40.9 41.1	40.9 41.1	40.9 41.1	41.2 41.3	41.2 41.3	41.3 41.5	41.5 41.7	41.5 41.7	41.5 41.7	41.5 41.7	41.5 41.7	41.5 41.7
≥ 14000 IV 12000	39.8 42.7	41.9 44.3	42.2 44.6	42.2 44.6	42.2 44.6	42.2 44.6	42.2 44.6	42.5 44.9	42.5 44.9	42.6 45.0	42.9 45.2	42.9 45.3	42.9 45.3	42.9 45.3	42.9 45.3	42.9 45.3
≥ 10000 IV 9000	44.9 47.4	47.2 49.7	47.4 50.0	47.4 50.0	47.4 50.0	47.4 50.0	47.4 50.0	47.7 50.3	47.7 50.3	47.9 50.4	48.2 50.7	48.2 50.7	48.2 50.7	48.2 50.7	48.2 50.7	48.2 50.7
≥ 8000 IV 7000	51.1 56.4	53.7 59.5	54.0 59.6	54.0 59.8	54.0 59.8	54.0 59.8	54.0 59.8	54.3 60.1	54.3 60.1	54.4 60.2	54.7 60.2	54.7 60.2	54.7 60.2	54.7 60.2	54.7 60.2	54.7 60.2
≥ 6000 IV 5000	60.4 67.3	63.8 71.5	64.1 71.9	64.1 71.9	64.1 71.9	64.1 71.9	64.1 71.9	64.3 72.2	64.3 72.2	64.5 72.3	64.5 72.3	64.5 72.3	64.5 72.3	64.5 72.3	64.5 72.3	64.5 72.3
≥ 4500 IV 4000	70.5 73.3	74.7 78.3	75.0 78.6	75.0 78.6	75.0 78.6	75.1 78.7	75.1 78.7	75.4 79.0	75.4 79.0	75.6 79.1	75.7 79.4	75.7 79.4	75.7 79.4	75.7 79.4	75.7 79.4	75.7 79.4
≥ 3500 IV 3000	75.3 77.7	81.0 84.7	81.3 85.2	81.3 85.2	81.3 85.2	81.4 85.5	81.4 85.5	81.7 85.9	81.7 85.9	81.8 86.1	82.1 86.4	82.1 86.4	82.1 86.4	82.1 86.4	82.1 86.4	82.1 86.4
≥ 2500 IV 2000	78.6 79.1	86.5 87.6	87.5 89.1	87.6 89.2	88.6 90.8	88.9 91.2	88.9 91.2	89.2 91.5	89.3 91.6	89.5 92.0	89.8 92.3	89.8 92.3	89.8 92.3	89.8 92.3	89.8 92.3	89.8 92.3
≥ 1800 IV 1500	79.3 79.4	87.9 88.1	89.3 89.6	89.5 90.1	91.1 91.8	91.8 92.5	91.8 92.5	92.3 93.3	92.5 93.8	92.9 94.3	93.2 94.6	93.2 94.6	93.2 94.6	93.2 94.6	93.2 94.6	93.2 94.6
≥ 1200 IV 1000	79.4 79.4	88.4 88.8	90.1 90.5	90.6 91.3	92.3 93.0	93.0 93.8	93.0 93.8	93.2 94.6	93.9 95.2	94.3 95.7	94.9 96.0	95.2 96.2	95.2 96.2	95.2 96.2	95.2 96.2	95.2 96.2
≥ 900 IV 800	79.5 79.5	88.9 88.7	90.9 90.9	91.5 91.5	93.2 93.2	93.9 94.0	93.9 94.0	94.0 95.0	94.7 95.6	95.3 96.4	96.0 96.7	96.0 96.7	96.0 96.7	96.0 96.7	96.0 96.7	96.0 96.7
≥ 700 IV 600	79.5 79.7	89.2 89.3	91.3 91.5	91.9 92.2	93.0 93.9	94.5 94.9	94.5 94.9	94.7 95.2	95.6 96.0	96.3 96.7	97.2 97.7	97.4 98.0	97.7 98.3	97.7 98.3	97.7 98.3	97.7 98.3
≥ 500 IV 400	79.8 79.8	87.5 89.5	91.6 91.9	92.3 92.6	94.0 94.5	95.0 95.5	95.0 95.5	95.3 96.6	96.2 97.3	96.9 98.4	98.0 98.7	98.3 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0
≥ 300 IV 200	79.8 79.8	89.5 89.5	92.0 92.2	92.8 92.9	94.6 94.7	95.6 95.7	95.6 95.7	95.9 97.0	96.7 97.9	97.6 99.0	98.7 99.3	99.0 99.3	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
≥ 100 IV 0	79.8 79.8	89.5 89.5	92.2 92.2	92.9 92.9	94.7 94.7	95.7 95.7	95.7 95.7	97.0 97.0	97.9 97.9	99.0 99.0	99.3 99.3	99.6 99.6	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7

TOTAL NUMBER OF OBSERVATIONS

704

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMEUDORF AFB ALASKA/ARCHAPAGE
STATION NAME

7-76
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	34.9	37.4	38.4	38.4	38.0	38.7	39.1	39.9	39.9	40.1	40.3	40.3	40.3	40.9	41.4	41.6
≥ 20000	36.6	37.4	40.4	40.4	40.6	40.7	41.1	41.8	41.8	42.1	42.3	42.3	42.3	42.9	43.4	43.5
≥ 18000	37.2	40.0	41.0	41.0	41.1	41.3	41.7	42.4	42.4	42.7	42.8	42.8	42.8	43.3	43.4	44.1
≥ 16000	37.3	40.1	41.1	41.1	41.3	41.4	41.8	42.6	42.6	42.8	43.0	43.0	43.0	43.4	43.5	44.1
≥ 14000	38.4	41.4	42.4	42.4	42.6	42.7	43.1	43.8	43.8	44.1	44.3	44.3	44.3	44.7	44.8	45.5
≥ 12000	39.6	42.7	43.7	43.7	43.8	44.0	44.4	45.1	45.1	45.4	45.5	45.5	45.5	46.1	46.7	46.8
≥ 10000	41.4	44.5	45.5	45.5	45.7	45.8	46.2	47.0	47.0	47.2	47.4	47.4	47.4	47.9	48.3	48.7
≥ 9000	44.8	47.9	48.9	48.9	49.1	49.2	49.6	50.4	50.4	50.6	50.8	50.8	50.8	51.2	51.9	52.1
≥ 8000	48.8	52.3	53.3	53.3	53.5	53.6	54.0	54.8	54.8	55.0	55.2	55.2	55.2	55.6	56.3	56.5
≥ 7000	54.9	59.3	60.3	60.4	60.6	60.7	61.1	61.9	61.9	62.1	62.3	62.3	62.3	62.7	63.4	63.5
≥ 6000	59.4	64.5	65.5	65.7	65.8	66.0	66.4	67.1	67.1	67.4	67.5	67.5	67.5	67.9	68.7	68.8
≥ 5000	64.4	69.9	70.9	71.1	71.2	71.3	71.8	72.5	72.5	72.8	72.9	72.9	72.9	73.3	74.1	74.2
≥ 4500	66.8	72.8	73.8	73.9	74.0	74.2	74.6	75.3	75.3	75.6	75.7	75.7	75.7	76.2	76.9	77.0
≥ 4000	70.9	77.6	78.6	78.7	78.9	79.0	79.4	80.1	80.1	80.4	80.6	80.6	80.6	81.1	81.7	81.8
≥ 3500	71.9	79.6	81.1	81.3	81.4	81.6	82.0	82.7	82.7	83.0	83.1	83.1	83.1	83.5	84.3	84.4
≥ 3000	73.0	81.7	83.8	84.0	84.1	84.3	84.7	85.4	85.4	85.7	85.8	85.8	85.8	86.2	87.0	87.1
≥ 2500	73.2	82.3	85.0	85.1	85.2	85.4	85.8	86.5	86.5	86.8	87.0	87.0	87.0	87.4	88.1	88.2
≥ 2000	73.6	85.0	87.4	88.1	88.7	88.9	89.5	90.4	90.5	90.8	90.9	90.9	90.9	91.3	92.1	92.2
≥ 1800	73.6	85.0	87.4	88.1	88.7	88.9	89.5	90.4	90.5	90.8	90.9	90.9	90.9	91.3	92.1	92.2
≥ 1500	73.6	85.4	88.1	89.4	90.2	90.6	91.2	92.1	92.3	92.6	92.6	92.6	92.6	93.0	93.9	94.0
≥ 1200	73.6	86.0	88.8	90.2	91.3	91.8	92.3	93.3	93.8	94.0	94.2	94.2	94.2	94.6	95.3	95.5
≥ 1000	73.6	86.0	88.9	90.6	91.8	92.3	93.0	94.3	94.8	95.2	95.3	95.3	95.3	95.7	96.5	96.6
≥ 900	73.6	86.1	89.1	90.8	91.9	92.5	93.2	94.5	94.9	95.3	95.5	95.5	95.5	96.0	96.7	96.9
≥ 800	73.6	86.1	89.1	90.8	92.2	92.8	93.5	95.0	95.5	96.0	96.2	96.2	96.2	96.7	97.4	97.6
≥ 700	73.6	86.1	89.1	90.8	92.3	92.9	93.6	95.2	95.6	96.2	96.3	96.3	96.3	96.7	97.0	97.7
≥ 600	73.6	86.1	89.1	90.8	92.5	93.0	93.8	95.3	95.7	96.5	96.6	96.6	96.6	97.2	97.3	98.0
≥ 500	73.6	86.1	89.1	90.8	92.5	93.0	93.8	95.3	95.7	96.5	96.6	96.6	96.6	97.2	97.3	98.0
≥ 400	73.6	86.2	89.2	90.9	92.6	93.2	94.0	95.7	96.2	96.9	97.0	97.0	97.0	97.6	97.9	98.4
≥ 300	73.6	86.4	89.5	91.2	93.0	93.6	94.5	96.2	96.6	97.4	97.5	97.6	97.6	98.2	98.3	99.4
≥ 200	73.6	86.4	89.5	91.2	93.0	93.6	94.8	96.5	96.9	97.7	97.9	98.0	98.0	98.6	98.7	99.9
≥ 100	73.6	86.4	89.5	91.2	93.0	93.6	94.8	96.5	96.9	97.7	97.9	98.0	98.0	98.6	98.7	100.0
≥ 0	73.6	86.4	89.5	91.2	93.0	93.6	94.8	96.5	96.9	97.7	97.9	98.0	98.0	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

705

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

7-76
YEARS

IAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING ≥ 20000	46.8 47.6	47.3 50.0	49.4 50.1	49.4 50.1	49.4 50.1	49.6 50.4	50.1 50.8	50.4 51.1	50.5 51.2	50.6 51.3	51.2 51.9	51.2 51.9	51.2 51.9	51.2 51.9	51.2 51.9	51.5 52.2
≥ 18000 ≥ 16000	48.2 48.3	50.6 50.7	50.7 50.8	50.7 50.8	50.7 50.8	51.0 51.1	51.5 51.6	51.7 51.8	51.6 51.9	51.9 52.1	52.5 52.7	52.5 52.7	52.5 52.7	52.5 52.7	52.5 52.7	52.8 52.9
≥ 14000 ≥ 12000	49.9 52.5	52.3 55.1	52.4 55.2	52.4 55.2	52.4 55.2	52.7 55.5	53.2 55.9	53.4 56.2	53.5 56.3	53.6 56.4	54.2 57.0	54.2 57.0	54.2 57.0	54.2 57.0	54.2 57.0	54.5 57.3
≥ 10000 ≥ 9000	55.3 57.3	57.9 60.1	58.0 60.2	58.0 60.2	58.0 60.2	58.3 60.4	58.7 60.9	59.0 61.2	59.1 61.3	59.2 61.4	59.6 62.0	59.6 62.0	59.6 62.0	59.8 62.0	59.8 62.0	60.1 62.3
≥ 8000 ≥ 7000	59.3 62.6	62.1 65.4	62.3 65.5	62.3 65.5	62.3 65.5	62.5 65.8	63.0 66.3	63.2 66.5	63.3 66.6	63.5 66.7	64.1 67.4	64.1 67.4	64.1 67.4	64.1 67.4	64.1 67.4	64.3 67.6
≥ 6000 ≥ 5000	65.0 71.0	66.4 74.0	68.6 74.8	68.6 74.8	68.6 74.9	68.8 75.1	69.3 75.6	69.4 75.8	69.7 76.0	69.8 76.1	70.4 76.7	70.4 76.7	70.4 76.7	70.4 76.7	70.4 76.7	70.6 76.9
≥ 4500 ≥ 4000	73.1 78.0	77.2 82.5	77.3 82.8	77.4 82.9	77.5 83.0	77.8 83.3	78.3 83.7	78.5 84.0	78.6 84.1	78.8 84.2	79.4 84.8	79.4 84.8	79.4 84.8	79.4 84.8	79.4 84.8	79.6 85.1
≥ 3500 ≥ 3000	79.7 80.6	84.2 85.2	84.6 85.7	84.7 85.9	84.8 86.0	85.1 86.2	85.6 86.8	85.8 87.0	85.9 87.1	86.0 87.3	86.7 87.9	86.7 87.9	86.7 87.9	86.7 87.9	86.7 87.9	86.9 88.1
≥ 2500 ≥ 2000	82.2 82.8	87.6 89.8	88.6 91.0	88.8 91.3	89.2 91.9	89.4 92.4	89.4 93.1	90.4 93.4	90.5 93.6	90.7 93.7	91.3 94.3	91.3 94.3	91.3 94.3	91.3 94.3	91.3 94.3	91.5 94.5
≥ 1800 ≥ 1500	82.8 82.9	89.9 90.2	91.3 91.6	91.5 91.9	92.2 92.8	92.7 93.4	93.4 94.4	93.8 94.8	93.9 94.9	94.1 95.0	94.7 95.6	94.7 95.6	94.7 95.6	94.7 95.6	94.7 95.6	94.9 95.9
≥ 1200 ≥ 1000	83.0 83.3	90.7 90.9	92.4 92.6	92.7 93.0	93.9 94.2	94.7 94.9	95.6 96.0	96.0 96.4	96.1 96.5	96.2 96.6	96.8 97.3	96.8 97.3	96.8 97.3	96.8 97.3	96.8 97.3	97.1 97.6
≥ 900 ≥ 800	83.4 83.4	91.3 91.5	93.0 93.2	93.4 93.7	94.7 94.9	95.4 95.8	96.5 96.8	96.8 97.2	97.0 97.5	97.1 97.6	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3	98.1 98.5
≥ 700 ≥ 600	83.4 83.4	91.6 91.7	93.3 93.4	93.8 93.9	95.0 95.1	95.9 96.1	97.0 97.2	97.5 97.7	97.7 97.9	97.8 98.1	98.2 98.3	98.3 98.4	98.3 98.4	98.3 98.4	98.3 98.4	98.8 99.0
≥ 500 ≥ 400	83.4 83.5	91.7 91.9	93.4 93.6	93.9 94.1	95.1 95.3	96.1 96.2	97.3 97.5	97.8 97.9	98.1 98.3	98.2 98.4	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	98.9 99.2	99.2 99.4
≥ 300 ≥ 200	83.5 83.5	92.0 92.0	93.7 93.7	94.2 94.2	95.4 95.4	96.4 96.4	97.6 97.7	98.1 98.2	98.4 98.7	98.7 98.9	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.6 99.9
≥ 100 0	83.5 83.5	92.0 92.0	93.7 93.7	94.2 94.2	95.4 95.4	96.4 96.4	97.7 97.7	98.2 98.2	98.7 98.7	98.9 98.9	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

824

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

57-76
YEARS

12
MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING	44.5	45.8	45.8	45.8	45.8	45.8	45.9	45.9	46.1	46.3	46.3	46.3	46.3	46.3	47.0	47.2
≥ 20000	45.7	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.3	47.5	48.1	48.1	48.1	48.1	48.4	48.4
IV 18000	45.9	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.5	47.8	48.4	48.4	48.4	48.5	48.6	48.6
IV 15000	46.4	47.8	47.8	47.8	47.8	47.8	47.9	47.9	48.0	48.2	48.3	48.3	48.3	49.0	49.1	49.1
IV 14000	47.0	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.8	49.5	49.5	49.5	49.6	49.7	49.7
IV 12000	49.9	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.5	51.8	52.4	52.4	52.4	52.5	52.6	52.6
IV 10000	52.6	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.2	54.4	55.0	55.0	55.0	55.2	55.3	55.3
IV 9000	54.8	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7	57.0	57.6	57.6	57.6	57.7	57.8	57.8
IV 8000	57.1	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.3	59.9	59.9	59.9	60.0	60.1	60.1
IV 7000	62.2	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.1	65.3	65.9	65.9	65.9	66.1	66.2	66.2
IV 6000	66.7	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.6	68.8	69.5	69.5	69.5	69.6	69.7	69.7
IV 5000	72.1	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.8	76.0	76.6	76.6	76.6	76.7	76.8	76.8
IV 4500	75.0	78.5	78.7	79.0	79.0	79.0	79.2	79.2	79.3	79.5	80.1	80.1	80.1	80.4	80.5	80.5
IV 4000	77.0	81.1	81.2	81.6	81.6	81.6	81.7	81.7	81.8	82.1	82.7	82.7	82.7	83.0	83.2	83.2
IV 3500	79.2	83.6	83.8	84.1	84.1	84.1	84.2	84.2	84.4	84.6	85.2	85.2	85.2	85.6	85.7	85.7
IV 3000	80.2	82.0	85.2	85.6	85.6	85.6	85.7	85.8	85.9	86.2	86.8	86.8	86.8	87.2	87.3	87.3
IV 2500	82.5	88.0	88.2	88.8	88.8	88.8	89.0	89.1	89.2	89.5	90.1	90.1	90.1	90.4	90.5	90.5
IV 2000	82.8	89.5	90.1	90.7	91.0	91.0	91.2	91.3	91.4	91.6	92.2	92.2	92.2	92.6	92.7	92.7
IV 1800	82.8	89.7	90.4	91.0	91.4	91.4	91.5	91.6	91.8	92.0	92.0	92.6	92.7	93.0	93.1	93.1
IV 1500	83.3	90.9	91.8	92.4	92.7	93.0	93.2	93.5	93.6	93.8	94.4	94.4	94.4	94.8	94.9	94.9
IV 1200	83.4	91.5	92.5	93.2	93.7	94.2	94.4	94.8	94.9	95.2	95.6	95.8	95.8	96.1	96.2	96.2
IV 1000	83.6	91.3	92.6	93.6	94.1	94.5	94.8	95.2	95.3	95.5	96.1	96.1	96.2	96.5	96.6	96.6
IV 900	83.8	92.0	93.0	93.7	94.2	94.7	95.0	95.4	95.5	95.8	96.4	96.4	96.5	96.7	96.8	96.8
IV 800	84.0	92.2	93.6	94.3	94.8	95.3	95.8	96.2	96.4	96.6	97.2	97.2	97.3	97.6	97.7	97.7
IV 700	84.0	92.4	93.7	94.4	95.0	95.6	96.1	96.6	96.7	97.0	97.6	97.6	97.7	97.9	98.1	98.1
IV 600	84.2	92.7	94.1	94.8	95.5	96.1	96.7	97.6	97.7	97.9	98.5	98.5	98.7	98.9	99.0	99.0
IV 500	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5
IV 400	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5
IV 300	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5
IV 200	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5
IV 100	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5
IV 0	84.6	93.1	94.4	95.2	95.9	96.5	97.1	97.9	98.2	98.4	99.0	99.0	99.2	99.4	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

825

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELIENDORF AFB ALASKA/ANCHORAGE 67-76

11AK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0300
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	40.6 42.8	41.1 43.3	41.1 43.3	41.3 43.5	41.5 43.7	41.5 43.7	41.5 43.7	41.6 43.8	41.6 43.8	41.7 43.9	42.2 44.4	42.7 44.9	43.2 45.4	43.3 45.5	43.3 45.5	43.4 45.6
IV 18000 IV 16000	43.3 43.9	43.8 44.4	43.8 44.4	44.0 44.6	44.2 44.8	44 44	44.2 44.8	44.3 44.9	44.3 44.9	44.4 45.0	44.7 45.5	45.4 46.0	45.9 46.5	46.0 46.6	46.0 46.6	46.1 46.7
IV 14000 IV 12000	45.0 46.2	45.6 49.0	45.6 49.0	45.9 49.2	46.0 49.3	46.0 49.3	46.0 49.3	46.1 49.4	46.1 49.4	46.2 49.6	46.7 50.1	47.2 50.4	47.7 51.1	47.7 51.2	47.8 51.2	48.0 51.3
IV 10000 IV 9000	52.2 55.0	52.9 55.8	52.9 55.8	53.1 56.1	53.3 56.2	53.3 56.2	53.3 56.2	53.4 56.3	53.4 56.3	53.5 56.5	54.0 56.7	54.5 57.4	55.0 57.5	55.1 58.1	55.1 58.1	55.2 58.2
IV 8000 IV 7000	57.9 62.0	58.8 63.0	58.9 63.1	59.2 63.5	59.3 63.6	59.3 63.6	59.3 63.6	59.4 63.7	59.4 63.7	59.5 63.8	60.0 64.3	60.5 64.8	61.0 65.4	61.1 65.4	61.1 65.4	61.3 65.6
IV 6000 IV 5000	65.9 72.9	66.9 74.4	67.0 74.5	67.4 74.9	67.5 75.0	67.5 75.2	67.5 75.2	67.7 75.3	67.7 75.3	67.8 75.4	68.3 75.7	68.8 76.4	69.2 76.9	69.4 77.0	69.4 77.0	69.5 77.1
IV 4500 IV 4000	75.0 77.5	76.8 79.3	77.1 79.7	77.5 80.1	77.6 80.2	77.7 80.2	77.9 80.6	78.1 80.8	78.1 80.8	78.2 80.9	78.7 81.4	79.2 81.9	79.7 82.4	79.8 82.5	79.8 82.5	80.0 82.7
IV 3500 IV 3000	79.3 80.9	81.5 83.1	81.9 83.6	82.3 84.1	82.5 84.5	82.7 84.7	82.9 85.0	83.3 85.4	83.3 85.4	83.4 85.5	83.9 86.0	84.4 86.5	84.7 87.0	85.0 87.1	85.0 87.1	85.1 87.2
IV 2500 IV 2000	82.2 83.1	85.0 86.2	85.9 87.3	86.5 87.9	86.8 88.4	87.3 88.9	87.7 89.4	88.1 90.0	88.1 90.0	88.2 90.3	88.7 90.8	89.2 91.3	89.7 91.8	89.8 91.9	89.8 91.9	89.9 92.0
IV 1800 IV 1500	83.3 83.9	86.6 87.5	87.7 88.7	88.3 89.3	88.6 90.0	89.3 90.7	89.8 91.4	90.4 92.0	90.4 92.1	90.7 92.4	91.1 92.9	91.6 93.4	92.1 93.8	92.3 94.0	92.3 94.0	92.4 94.1
IV 1200 IV 1000	83.9 84.0	87.5 87.6	88.8 88.9	89.7 90.2	90.5 91.0	91.1 91.8	91.9 92.5	92.9 93.7	93.4 94.2	93.7 94.6	94.2 95.1	94.7 95.6	95.2 96.1	95.3 96.2	95.3 96.2	95.4 96.3
IV 900 IV 800	84.0 84.3	87.6 87.8	88.9 89.2	90.2 90.5	91.0 91.5	91.8 92.4	92.5 93.1	93.8 94.7	94.3 95.3	94.7 95.7	95.3 96.3	95.8 96.8	96.3 97.3	96.4 97.4	96.4 97.4	96.6 97.5
IV 700 IV 600	84.5 84.7	88.1 88.6	89.4 89.9	90.8 91.3	91.8 92.3	92.6 93.1	93.4 93.8	95.0 95.4	95.6 96.1	96.1 96.6	96.7 97.2	97.2 97.7	97.7 98.2	97.8 98.3	97.8 98.3	97.9 98.4
IV 500 IV 400	85.0 85.0	88.9 88.9	90.3 90.4	91.6 91.8	92.9 93.0	93.7 93.8	94.5 94.6	96.2 96.6	96.8 97.2	97.3 97.7	97.9 98.3	98.4 98.8	98.9 99.3	99.0 99.4	99.0 99.4	99.1 99.5
IV 300 IV 200	85.0 85.0	88.9 88.9	90.4 90.4	91.8 91.8	93.0 93.0	93.8 93.8	94.6 94.6	96.6 96.6	97.2 97.2	97.7 97.7	98.3 98.3	98.9 98.9	99.3 99.3	99.4 99.4	99.4 99.4	99.5 99.5
IV 100 IV 0	85.0 85.0	88.9 88.9	90.4 90.4	91.8 91.8	93.0 93.0	93.8 93.8	94.6 94.6	96.6 96.6	97.2 97.2	97.7 97.7	98.3 98.3	98.9 98.9	99.3 99.3	99.4 99.4	99.4 99.4	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

813

2

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

YEAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	45.0	45.5	45.6	45.7	45.7	45.7	45.9	46.0	46.1	46.1	46.5	46.7	46.7	46.7	46.7	46.7
≥ 20000	47.7	48.2	48.3	48.4	48.4	48.5	48.5	48.8	48.9	48.9	49.3	49.4	49.5	49.5	49.5	49.5
≥ 18000	48.5	49.0	49.1	49.3	49.3	49.4	49.4	49.6	49.8	49.8	50.1	50.4	50.4	50.4	50.4	50.4
≥ 16000	49.0	49.3	49.6	49.8	49.8	49.9	49.9	50.1	50.2	50.2	50.6	50.9	50.9	50.9	50.9	50.9
≥ 14000	50.5	51.0	51.1	51.2	51.2	51.3	51.3	51.6	51.7	51.7	52.1	52.3	52.3	52.3	52.3	52.3
≥ 12000	53.3	53.8	53.9	54.0	54.0	54.1	54.1	54.4	54.5	54.5	54.9	55.1	55.1	55.1	55.1	55.1
≥ 10000	57.3	57.8	57.9	58.0	58.0	58.2	58.2	58.4	58.5	58.5	59.0	59.3	59.3	59.3	59.3	59.3
≥ 9000	59.3	59.8	59.9	60.0	60.0	60.1	60.1	60.4	60.5	60.5	61.0	61.2	61.2	61.2	61.2	61.2
≥ 8000	63.2	63.7	63.8	63.9	63.9	64.0	64.0	64.3	64.4	64.4	64.9	65.1	65.1	65.1	65.1	65.1
≥ 7000	67.3	67.8	67.9	68.0	68.0	68.2	68.2	68.4	68.5	68.5	69.0	69.3	69.3	69.4	69.4	69.4
≥ 6000	71.5	72.2	72.3	72.4	72.4	72.6	72.6	72.8	72.9	72.9	73.4	73.7	73.7	73.8	73.8	73.8
≥ 5000	78.3	79.4	79.5	79.8	79.8	79.9	79.9	80.1	80.2	80.2	80.7	81.0	81.0	81.1	81.1	81.1
≥ 4500	80.4	82.6	82.1	82.3	82.3	82.4	82.4	82.7	82.9	82.9	83.4	83.7	83.7	83.8	83.8	83.8
≥ 4000	82.7	84.4	84.5	84.8	84.9	85.0	85.0	85.2	85.5	85.5	86.0	86.2	86.2	86.3	86.3	86.3
≥ 3500	83.5	85.7	85.9	86.1	86.2	86.3	86.3	86.6	86.8	86.8	87.3	87.5	87.7	87.7	87.7	87.7
≥ 3000	84.3	86.8	87.1	87.3	87.6	87.7	87.7	87.9	88.2	88.2	88.7	88.9	89.0	89.0	89.0	89.0
≥ 2500	85.4	88.0	88.4	88.8	89.1	89.4	89.6	89.9	90.1	90.1	90.6	90.9	91.0	91.0	91.0	91.0
≥ 2000	85.7	88.9	89.3	89.8	90.2	90.5	90.7	91.2	91.5	91.5	92.0	92.2	92.3	92.3	92.3	92.3
≥ 1800	86.0	89.5	89.9	90.4	90.9	91.1	91.3	91.8	92.1	92.1	92.6	92.9	92.9	92.9	92.9	92.9
≥ 1500	86.6	90.2	90.6	91.1	91.7	92.0	92.2	92.3	92.7	92.7	93.1	93.4	93.5	93.5	93.5	93.5
≥ 1200	86.7	91.0	91.3	91.8	92.4	92.8	93.0	94.1	94.6	94.6	95.1	95.4	95.5	95.5	95.5	95.5
≥ 1000	86.7	91.0	91.3	91.8	92.4	92.8	93.3	94.4	95.1	95.2	95.7	96.0	96.1	96.1	96.1	96.1
≥ 900	86.8	91.1	91.5	92.0	92.6	92.9	93.4	95.0	95.9	96.1	96.7	97.0	97.1	97.1	97.1	97.1
≥ 800	86.8	91.1	91.5	92.0	92.8	93.2	93.9	95.5	96.5	96.7	97.0	97.8	97.9	97.9	97.9	97.9
≥ 700	87.2	91.5	91.8	92.3	93.2	93.5	94.3	96.1	97.1	97.4	98.3	98.5	98.7	98.7	98.7	98.7
≥ 600	87.3	91.7	92.1	92.6	93.4	93.9	94.6	96.5	97.4	97.8	98.7	98.9	99.0	99.0	99.0	99.0
≥ 500	87.3	91.8	92.2	92.7	93.5	94.0	94.8	96.7	97.7	98.0	98.9	99.1	99.3	99.3	99.3	99.3
≥ 400	87.3	92.0	92.3	92.8	93.7	94.1	95.0	97.0	97.9	98.3	99.1	99.4	99.5	99.5	99.5	99.5
≥ 300	87.3	92.0	92.3	92.8	93.7	94.1	95.0	97.0	97.9	98.3	99.1	99.4	99.5	99.5	99.5	99.5
≥ 200	87.3	92.0	92.3	92.8	93.7	94.1	95.0	97.0	97.9	98.3	99.1	99.4	99.5	99.5	99.5	99.5
≥ 100	87.3	92.0	92.3	92.8	93.7	94.1	95.0	97.0	97.9	98.3	99.1	99.4	99.5	99.5	99.5	99.5
≥ 0	87.3	92.0	92.3	92.8	93.7	94.1	95.0	97.0	97.9	98.3	99.1	99.4	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

820

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

1AK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	45.5 49.0	45.7 49.3	45.7 49.3	45.7 49.3	45.7 49.3	45.7 49.3	45.9 49.4	46.3 49.9	46.5 50.0	46.5 50.0	47.0 50.5	47.0 50.5	47.0 50.5	47.0 50.5	47.0 50.5	47.0 50.5
≥ 18000 IV 16000	50.1 50.5	50.4 50.7	50.4 50.7	50.4 50.7	50.4 50.7	50.4 50.7	50.5 50.9	51.0 51.3	51.1 51.5	51.1 51.5	51.6 52.0	51.6 52.0	51.6 52.0	51.6 52.0	51.6 52.0	51.6 52.0
≥ 14000 IV 12000	52.9 55.1	53.2 55.7	53.3 56.0	53.3 56.0	53.3 56.0	53.3 56.0	53.4 56.1	53.9 56.6	54.0 56.7	54.0 56.7	54.5 57.2	54.5 57.2	54.5 57.2	54.5 57.2	54.5 57.2	54.5 57.2
≥ 10000 IV 9000	60.0 62.7	60.6 63.4	60.9 63.7	60.9 63.7	60.9 63.7	60.9 63.7	61.0 63.9	61.5 64.4	61.6 64.5	61.6 64.5	62.1 65.0	62.1 65.0	62.1 65.0	62.1 65.0	62.1 65.0	62.1 65.0
≥ 8000 IV 7000	66.8 71.8	67.6 72.6	67.8 72.8	67.8 72.8	67.8 72.8	67.8 72.8	68.0 73.0	68.5 73.5	68.7 73.7	68.7 73.7	69.1 74.1	69.1 74.1	69.1 74.1	69.1 74.1	69.1 74.1	69.1 74.1
≥ 6000 IV 5000	74.4 80.5	75.5 81.5	75.7 82.1	75.7 82.1	75.7 82.1	75.7 82.1	76.0 82.3	76.5 82.8	76.6 82.9	76.6 82.9	77.1 83.4	77.1 83.4	77.1 83.4	77.1 83.4	77.1 83.4	77.1 83.4
≥ 4500 IV 4000	83.2 85.7	84.5 87.3	84.8 87.8	84.8 87.8	84.8 87.8	84.8 87.8	85.1 88.2	85.5 88.7	85.6 88.8	85.6 88.8	86.1 89.3	86.1 89.3	86.1 89.3	86.1 89.3	86.1 89.3	86.1 89.3
≥ 3500 IV 3000	86.7 87.3	88.9 89.9	89.4 90.4	89.4 90.4	89.4 90.4	89.4 90.4	89.5 90.6	89.8 91.6	90.2 91.7	90.4 91.7	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2	90.9 92.2
≥ 2500 IV 2000	88.2 88.5	91.0 92.1	91.7 92.8	91.7 92.8	92.1 93.2	92.3 93.4	92.7 93.9	93.4 94.8	93.5 94.9	93.5 94.9	94.0 95.4	94.0 95.4	94.0 95.4	94.0 95.4	94.0 95.4	94.0 95.4
≥ 1800 IV 1500	88.7 89.3	92.1 93.0	92.9 93.9	92.9 93.9	93.3 94.4	93.5 94.6	94.0 95.2	95.0 96.2	95.1 96.3	95.1 96.3	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8	95.5 96.8
≥ 1200 IV 1000	89.5 89.5	93.3 93.4	94.1 94.3	94.1 94.3	94.6 94.8	95.0 95.1	95.6 95.9	96.6 96.8	96.7 97.0	96.7 97.0	97.3 97.6	97.3 97.6	97.3 97.6	97.3 97.6	97.3 97.6	97.3 97.6
≥ 900 IV 800	89.5 89.6	93.4 93.5	94.3 94.4	94.3 94.4	94.8 95.1	95.2 95.6	96.0 96.3	97.0 97.3	97.0 97.4	97.1 97.4	97.1 98.2	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3	97.8 98.3
≥ 700 IV 600	89.6 89.6	93.7 93.8	94.5 94.6	94.5 94.6	95.2 95.6	95.7 96.1	96.5 97.0	97.4 97.7	97.6 98.0	97.6 98.0	98.3 98.8	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9
≥ 500 IV 400	89.6 89.6	93.8 93.9	94.6 94.9	94.6 94.9	95.9 96.0	96.3 96.5	97.3 97.4	98.3 98.4	98.4 98.5	98.7 98.8	99.4 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6
≥ 300 IV 200	89.6 89.6	93.9 93.9	95.0 95.0	95.0 95.0	96.1 96.1	96.6 96.6	97.6 97.6	98.7 98.7	98.8 98.8	99.0 99.0	99.9 99.9	100.0 100.0	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
≥ 100 IV 0	89.6 89.6	93.9 93.9	95.0 95.0	95.0 95.0	96.1 96.1	96.6 96.6	97.6 97.6	98.7 98.7	98.8 98.8	99.0 99.0	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

320

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/IAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5 16	¼
NO CEILING ≥ 20000	45.8 50.7	46.3 51.2	46.3 51.2	46.3 51.2	46.3 51.2	46.3 51.2	46.3 51.2	46.6 51.4	46.6 51.4	46.7 51.6	46.8 51.7	47.2 52.0	47.2 52.0	47.3 52.2	47.3 52.2	47.3 52.3
IV 18000 16000	51.4 52.2	51.9 52.7	51.9 52.7	51.9 52.7	51.9 52.7	51.9 52.7	51.9 52.7	52.2 52.9	52.2 52.9	52.3 53.0	52.4 53.2	52.8 53.5	52.8 53.5	52.9 53.7	52.9 53.7	53.0 53.8
IV 14000 12000	53.4 54.5	53.9 57.1	53.9 57.1	53.9 57.1	53.9 57.1	53.9 57.1	53.9 57.1	54.2 57.4	54.2 57.4	54.3 57.5	54.4 57.6	54.8 58.0	54.8 58.0	54.9 58.1	54.9 58.1	55.0 58.3
IV 10000 9000	61.1 62.9	61.9 63.6	61.9 63.6	61.9 63.6	61.9 63.6	61.9 63.6	61.9 63.6	62.1 63.9	62.1 63.9	62.2 64.0	62.4 64.1	62.7 64.5	62.7 64.5	62.9 64.6	62.9 64.6	63.0 64.7
IV 8000 7000	67.1 70.9	67.8 71.7	67.8 71.7	67.8 71.7	67.8 71.7	67.8 71.7	67.8 71.7	68.1 71.9	68.1 71.9	68.2 72.0	68.3 72.2	68.7 72.5	68.7 72.5	68.8 72.7	68.8 72.7	68.9 72.8
IV 6000 5000	74.3 80.1	75.0 81.5	75.0 81.5	75.0 81.5	75.0 81.5	75.0 81.5	75.0 81.5	75.3 81.7	75.3 81.7	75.4 81.9	75.5 82.0	75.9 82.4	75.9 82.4	76.0 82.5	76.0 82.5	76.1 82.6
IV 4500 4000	82.2 84.7	83.6 86.2	83.6 86.2	83.6 86.3	83.6 86.6	83.6 86.6	83.6 86.7	83.9 87.0	83.9 87.0	84.0 87.1	84.1 87.2	84.5 87.6	84.5 87.6	84.6 87.7	84.6 87.7	84.7 87.8
IV 3500 3000	86.7 88.7	88.3 90.6	88.3 90.7	88.4 90.8	88.7 91.2	88.7 91.2	88.7 91.6	89.2 91.8	89.2 91.8	89.3 91.9	89.4 92.0	89.8 92.4	89.8 92.4	89.9 92.5	89.9 92.5	90.1 92.7
IV 2500 2000	89.7 90.3	91.9 93.2	92.0 93.3	92.3 93.7	92.8 94.3	92.8 94.4	93.2 94.8	93.5 95.3	93.5 95.3	93.7 95.5	93.8 95.7	94.2 96.0	94.2 96.0	94.3 96.1	94.3 96.1	94.4 96.3
IV 1800 1500	90.3 90.4	93.3 93.4	93.7 93.8	94.0 94.2	94.7 94.9	94.8 95.0	95.2 95.5	95.7 96.0	95.7 96.0	95.9 96.3	96.0 96.5	96.4 97.0	96.4 97.0	96.5 97.1	96.5 97.1	96.6 97.4
IV 1200 1000	90.8 90.8	93.8 93.8	94.3 94.3	94.7 94.7	95.5 95.5	95.7 95.7	96.3 96.4	96.8 96.9	96.8 96.9	97.0 97.1	97.3 97.4	97.8 97.9	97.8 97.9	98.0 98.1	98.0 98.1	98.1 98.3
IV 900 800	90.9 90.9	93.9 93.9	94.4 94.4	94.8 94.9	95.7 95.8	95.8 95.9	96.5 96.6	97.0 97.1	97.0 97.1	97.3 97.4	97.5 97.6	98.0 98.1	98.0 98.1	98.3 98.4	98.3 98.4	98.4 98.5
IV 700 600	90.9 90.9	93.9 93.9	94.4 94.4	94.9 94.9	95.8 95.8	95.9 95.9	96.6 96.6	97.4 97.4	97.4 97.4	97.8 97.8	98.1 98.1	98.8 98.8	98.8 98.8	99.0 99.0	99.0 99.0	99.1 99.1
IV 500 400	90.9 90.9	93.9 93.9	94.4 94.4	94.9 94.9	95.8 95.8	95.9 95.9	97.0 97.3	97.8 98.0	97.8 98.0	98.1 98.4	98.5 98.6	99.1 99.4	99.1 99.4	99.3 99.6	99.4 99.6	99.5 99.8
IV 300 200	90.9 90.9	93.9 93.9	94.4 94.4	94.9 95.0	95.8 95.9	95.9 96.0	97.4 97.5	98.1 98.3	98.1 98.3	98.5 98.6	98.8 98.9	99.4 99.4	99.4 99.4	99.6 99.6	99.8 99.8	99.9 100.0
IV 100 0	90.9 90.9	93.9 93.9	94.4 94.4	95.0 95.0	95.9 95.9	96.0 96.0	97.5 97.5	98.3 98.3	98.3 98.3	98.6 98.6	99.0 99.0	99.4 99.4	99.4 99.4	99.9 99.9	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

805

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING	45.9	45.9	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.7	47.1	47.2	47.2	47.2	47.3	47.6
≥ 20000	47.5	47.5	49.6	49.6	49.8	49.8	49.8	49.9	49.9	50.4	50.7	50.8	50.8	50.8	51.0	51.2
≥ 18000	50.1	50.1	50.2	50.2	50.4	50.4	50.4	50.5	50.5	51.0	51.3	51.4	51.5	51.5	51.6	51.8
≥ 16000	50.7	50.7	50.8	50.8	51.0	51.0	51.0	51.1	51.1	51.6	51.9	52.1	52.1	52.1	52.2	52.4
≥ 14000	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.9	51.9	52.4	52.5	52.9	52.9	52.9	53.3	53.3
≥ 12000	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.6	53.6	54.1	54.5	54.5	54.6	54.6	54.7	55.0
≥ 10000	56.9	57.0	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.9	58.3	58.4	58.4	58.4	58.5	58.7
≥ 9000	58.4	58.6	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.5	59.8	60.0	60.0	60.0	60.1	60.3
≥ 8000	63.2	63.6	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.4	64.8	64.9	64.9	64.9	65.2	65.4
≥ 7000	68.9	69.3	69.4	69.4	69.5	69.5	69.5	69.7	69.7	70.1	70.5	70.5	70.6	70.6	70.9	71.1
≥ 6000	71.5	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.8	73.2	73.3	73.3	73.3	73.5	73.8
≥ 5000	75.5	76.1	76.2	76.3	76.5	76.5	76.5	76.6	76.6	77.1	77.4	77.5	77.5	77.5	77.8	78.0
≥ 4500	78.0	79.1	79.2	79.4	79.5	79.5	79.5	79.6	79.6	80.1	80.5	80.6	80.6	80.6	80.8	81.1
≥ 4000	81.2	82.4	82.5	82.6	82.8	82.8	82.8	83.0	83.0	83.5	83.9	84.0	84.0	84.0	84.2	84.5
≥ 3500	83.7	85.3	85.6	85.7	85.8	85.8	85.8	85.9	86.0	86.0	86.5	86.9	87.0	87.0	87.3	87.5
≥ 3000	85.9	88.0	88.2	88.3	88.5	88.5	88.6	88.7	88.7	89.2	89.6	89.7	89.7	89.7	89.9	90.2
≥ 2500	86.7	89.1	89.4	89.6	89.7	89.9	90.0	90.3	90.4	91.0	91.4	91.5	91.5	91.5	91.7	92.0
≥ 2000	87.4	90.3	90.8	91.0	91.1	91.4	91.6	91.8	92.0	92.7	93.1	93.2	93.2	93.2	93.4	93.7
≥ 1800	87.5	90.4	90.9	91.1	91.3	91.5	91.7	92.0	92.1	92.8	93.2	93.3	93.3	93.3	93.3	93.8
≥ 1500	87.9	91.1	91.6	91.9	92.4	92.7	93.0	93.4	93.7	94.7	95.0	95.3	95.3	95.3	95.5	95.8
≥ 1200	88.3	91.6	92.1	92.5	93.2	93.6	93.8	94.3	94.7	95.5	95.9	96.1	96.1	96.1	96.4	96.6
≥ 1000	88.5	91.7	92.4	92.7	93.6	93.9	94.2	94.9	95.1	96.1	96.6	96.8	96.8	96.8	97.1	97.3
≥ 900	88.5	91.7	92.4	92.7	93.6	93.9	94.2	94.9	95.1	96.1	96.6	96.8	96.8	96.8	97.1	97.3
≥ 800	88.5	91.9	92.5	92.8	93.7	94.1	94.3	95.0	95.3	96.2	96.7	97.0	97.0	97.0	97.2	97.5
≥ 700	88.5	92.2	92.8	93.2	94.1	94.4	94.8	95.5	96.0	97.0	97.5	97.7	97.7	97.7	97.9	98.2
≥ 600	88.5	92.4	93.0	93.3	94.2	94.5	94.9	95.6	96.1	97.1	97.6	97.8	97.8	97.8	98.1	98.3
≥ 500	88.5	92.5	93.1	93.6	94.4	94.8	95.1	95.9	96.4	97.6	98.1	98.3	98.3	98.3	98.5	98.8
≥ 400	88.5	92.5	93.1	93.6	94.4	94.9	95.3	96.1	96.7	98.1	98.3	98.3	98.3	98.3	98.9	99.2
≥ 300	88.5	92.5	93.1	93.6	94.4	94.9	95.5	96.4	97.0	98.3	98.9	99.2	99.3	99.3	99.4	99.9
≥ 200	88.5	92.5	93.1	93.6	94.4	94.9	95.5	96.4	97.0	98.3	98.9	99.2	99.3	99.3	99.4	99.9
≥ 100	88.5	92.5	93.1	93.6	94.4	94.9	95.5	96.4	97.0	98.3	98.9	99.2	99.3	99.3	99.4	99.9
≥ 0	88.5	92.5	93.1	93.6	94.4	94.9	95.5	96.4	97.0	98.3	98.9	99.2	99.3	99.3	99.4	99.9

TOTAL NUMBER OF OBSERVATIONS

824

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

67-76
YEARS

14K
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥16	≥1	≥0
NO CEILING 20000	45.4	46.6	46.8	46.8	46.8	46.8	47.0	47.2	47.5	47.6	47.7	47.7	47.8	47.9	47.9	47.9
≥18000	48.9	50.4	50.4	50.4	50.4	50.4	50.5	50.7	51.0	51.1	51.2	51.2	51.3	51.5	51.5	51.5
≥16000	49.5	51.0	51.0	51.0	51.0	51.0	51.1	51.3	51.6	51.7	51.8	51.8	51.9	52.1	52.1	52.1
≥14000	49.9	51.3	51.3	51.3	51.3	51.3	51.5	51.7	51.9	52.1	52.2	52.2	52.3	52.4	52.4	52.4
≥12000	51.2	52.3	52.8	52.8	52.8	52.8	52.9	53.2	53.4	53.5	53.6	53.8	53.9	54.0	54.0	54.0
≥10000	54.7	56.3	56.3	56.3	56.3	56.4	56.7	56.9	57.0	57.2	57.3	57.4	57.5	57.5	57.5	57.5
≥9000	50.7	58.4	58.4	58.4	58.4	58.4	58.5	58.7	59.0	59.1	59.2	59.3	59.5	59.6	59.6	59.6
≥8000	59.6	61.4	61.4	61.4	61.4	61.4	61.5	61.8	62.0	62.1	62.3	62.4	62.5	62.6	62.6	62.6
≥7000	64.1	65.9	65.9	65.9	65.9	65.9	66.0	66.3	66.5	66.6	66.7	66.7	67.0	67.1	67.1	67.1
≥6000	67.1	69.1	69.1	69.1	69.1	69.1	69.2	69.4	69.7	69.8	69.9	70.0	70.1	70.3	70.3	70.3
≥5000	71.0	73.9	74.0	74.0	74.0	74.0	74.2	74.4	74.6	74.8	74.9	75.0	75.1	75.2	75.2	75.2
≥4500	72.9	75.8	76.0	76.0	76.0	76.0	76.1	76.3	76.6	76.7	76.8	76.9	77.1	77.2	77.2	77.2
≥4000	76.2	79.2	79.9	80.0	80.0	80.0	80.1	80.3	80.6	80.7	80.8	80.9	81.1	81.2	81.2	81.2
≥3500	78.2	81.4	82.0	82.4	82.4	82.4	82.5	82.8	83.0	83.1	83.3	83.4	83.5	83.6	83.6	83.6
≥3000	80.8	84.6	85.1	85.6	85.7	85.8	85.9	86.3	86.5	86.7	86.8	86.9	87.0	87.1	87.1	87.1
≥2500	82.9	87.3	88.0	88.5	88.8	89.0	89.2	89.6	89.9	90.0	90.2	90.3	90.4	90.5	90.5	90.5
≥2000	84.0	89.6	90.4	91.3	91.9	92.7	92.2	92.6	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.6
≥1800	84.1	89.8	90.7	91.5	92.1	92.4	92.6	93.0	93.3	93.4	93.6	93.7	93.8	93.9	93.9	93.9
≥1500	84.3	90.4	91.4	92.4	93.6	94.1	94.4	94.9	95.3	95.4	95.5	95.6	95.7	95.9	95.9	95.9
≥1200	84.3	90.7	92.0	93.0	94.3	94.8	95.3	95.8	96.1	96.2	96.4	96.5	96.6	96.7	96.7	96.7
≥1000	84.6	90.9	92.2	93.2	94.5	95.1	95.6	96.1	96.5	96.7	97.1	97.2	97.4	97.5	97.5	97.5
≥900	84.7	91.0	92.4	93.3	94.8	95.4	95.9	96.4	96.7	97.0	97.3	97.5	97.6	97.7	97.7	97.7
≥800	84.7	91.0	92.5	93.4	94.9	95.5	96.0	96.6	97.0	97.2	97.5	97.7	97.8	97.9	97.9	97.9
≥700	84.7	91.0	92.6	93.6	95.1	95.8	96.7	97.3	97.7	97.9	98.4	98.4	98.5	98.7	98.7	98.7
≥600	84.7	91.4	93.0	93.9	95.8	96.4	97.3	97.9	98.3	98.5	98.9	99.0	99.2	99.3	99.3	99.3
≥500	84.7	91.4	93.0	94.1	95.9	96.5	97.5	98.1	98.4	98.7	99.0	99.2	99.3	99.4	99.4	99.4
≥400	84.7	91.4	93.1	94.2	96.0	96.6	97.6	98.2	98.5	98.8	99.2	99.3	99.5	99.6	99.6	99.6
≥300	84.7	91.4	93.1	94.2	96.0	96.6	97.7	98.3	98.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8
≥200	84.7	91.4	93.1	94.2	96.0	96.6	97.7	98.3	98.7	98.9	99.3	99.4	99.6	99.8	99.9	99.9
≥100	84.7	91.4	93.1	94.2	96.0	96.6	97.7	98.3	98.7	98.9	99.3	99.4	99.6	99.8	99.9	100.0
0	84.7	91.4	93.1	94.2	96.0	96.6	97.7	98.3	98.7	98.9	99.3	99.4	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

824

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-71, 73-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (ZST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	38.0	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	39.7	41.7	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 18000	40.7	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
IV 16000	40.8	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 14000	41.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 12000	44.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 10000	48.0	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 9000	51.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	55.6	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 7000	60.7	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 6000	63.9	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 5000	70.6	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 4500	74.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4000	77.0	81.2	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3500	79.1	84.0	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 3000	80.3	85.5	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500	81.8	88.0	88.9	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000	83.1	89.5	90.5	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7
IV 1800	83.1	89.8	90.8	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9
IV 1500	83.1	90.5	91.7	92.1	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1
IV 1200	83.2	91.0	92.3	92.7	93.5	93.6	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 1000	83.2	91.5	93.0	93.5	94.2	94.4	94.6	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 900	83.2	91.5	93.0	93.5	94.2	94.8	95.0	95.5	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	83.2	91.7	93.3	94.0	94.8	95.3	95.5	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 700	83.4	91.8	93.5	94.2	95.1	95.6	96.2	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	83.4	91.9	93.6	94.4	95.3	95.8	96.4	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	83.5	92.1	93.7	94.5	95.4	95.9	96.5	97.3	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	83.7	92.7	94.5	95.3	96.5	97.1	97.7	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 300	83.7	92.8	94.6	95.4	96.7	97.4	98.1	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	83.7	92.8	94.8	95.5	96.8	97.6	98.2	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	83.7	92.8	94.8	95.5	96.8	97.6	98.2	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	83.7	92.8	94.8	95.5	96.8	97.6	98.2	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

781

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-71, 73-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	37.5 38.8	37.8 39.3	37.8 39.3	37.8 39.3	37.8 39.3	37.8 39.3	37.8 39.3	37.8 39.3	37.8 39.3	38.0 39.5	38.0 39.5	38.0 39.5	38.0 39.5	38.0 39.5	38.0 39.5	38.0 39.5
≥ 18000 ≥ 16000	39.3 40.4	39.8 40.9	39.8 40.9	39.8 40.9	39.8 40.9	39.8 40.9	39.8 40.9	39.8 40.9	39.8 40.9	40.0 41.0	40.0 41.0	40.0 41.0	40.0 41.0	40.0 41.0	40.0 41.0	40.0 41.0
≥ 14000 ≥ 12000	40.6 43.0	41.1 43.5	41.1 43.5	41.1 43.5	41.1 43.5	41.1 43.5	41.1 43.5	41.1 43.5	41.1 43.5	41.2 43.6	41.2 43.6	41.2 43.6	41.2 43.6	41.2 43.6	41.2 43.6	41.2 43.6
≥ 10000 ≥ 9000	47.2 49.6	47.7 50.1	47.7 50.1	47.7 50.1	47.7 50.1	47.7 50.1	47.7 50.1	47.7 50.1	47.7 50.1	47.8 50.2	47.8 50.2	47.8 50.2	47.8 50.2	47.8 50.2	47.8 50.2	47.8 50.2
≥ 8000 ≥ 7000	53.2 58.8	54.1 59.2	54.1 60.2	54.1 60.2	54.1 60.2	54.1 60.2	54.1 60.2	54.1 60.2	54.1 60.2	54.2 60.3	54.2 60.3	54.2 60.3	54.2 60.3	54.2 60.3	54.2 60.3	54.2 60.3
≥ 6000 ≥ 5000	65.1 72.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	66.8 74.5	67.0 74.7	67.0 74.7	67.0 74.7	67.0 74.7	67.0 74.7	67.0 74.7	67.0 74.7
≥ 4500 ≥ 4000	75.5 78.1	77.7 80.6	77.7 80.6	77.7 80.6	77.7 80.6	77.7 80.6	77.7 80.6	77.7 80.6	77.7 80.6	77.8 81.0	77.8 81.0	77.8 81.0	77.8 81.0	77.8 81.0	77.8 81.0	77.8 81.0
≥ 3500 ≥ 3000	80.8 82.0	83.7 85.9	83.7 85.9	83.9 86.0	84.0 86.3	84.0 86.3	84.0 86.3	84.0 86.3	84.0 86.3	84.1 86.4	84.1 86.4	84.1 86.4	84.1 86.4	84.1 86.4	84.1 86.4	84.1 86.4
≥ 2500 ≥ 2000	83.1 85.1	88.0 90.7	88.4 91.4	88.5 91.7	88.9 92.2	88.9 92.2	88.9 92.3	88.9 92.3	88.9 92.3	89.0 92.4	89.0 92.4	89.0 92.4	89.0 92.4	89.0 92.4	89.0 92.4	89.0 92.4
≥ 1800 ≥ 1500	85.1 85.1	91.0 91.4	91.8 92.3	92.2 92.8	92.7 93.3	92.7 93.3	92.9 93.6	92.9 93.6	92.9 93.6	93.1 93.7	93.1 93.7	93.1 93.7	93.1 93.7	93.1 93.7	93.1 93.7	93.1 93.7
≥ 1200 ≥ 1000	85.1 85.1	91.6 91.9	92.4 92.9	92.9 93.4	93.6 94.1	93.6 94.1	93.9 94.6	94.1 94.8	94.1 95.1	94.2 95.2	94.3 95.2	94.3 95.2	94.3 95.2	94.3 95.2	94.3 95.2	94.3 95.2
≥ 900 ≥ 800	85.1 85.1	91.9 91.9	92.9 92.9	93.4 93.6	94.2 94.6	94.3 94.8	94.8 95.3	95.1 95.7	95.3 96.0	95.5 96.1	95.5 96.1	95.5 96.1	95.5 96.1	95.5 96.1	95.5 96.1	95.5 96.1
≥ 700 ≥ 600	85.1 85.2	91.9 92.2	92.9 93.2	93.7 93.9	94.7 95.0	95.1 95.3	95.6 96.0	96.5 96.8	96.7 97.1	96.8 97.2	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4	97.0 97.4
≥ 500 ≥ 400	85.8 85.8	92.7 92.8	93.7 93.9	94.5 94.7	95.5 95.7	96.1 96.3	96.7 97.1	97.6 98.2	97.9 98.5	98.0 98.6	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7	98.1 98.7
≥ 300 ≥ 200	85.8 85.8	92.8 92.8	93.9 93.9	94.8 94.8	95.8 95.8	96.5 96.6	97.4 97.5	98.6 98.7	98.9 99.0	99.0 99.2	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7	99.4 99.7
≥ 100 ≥ 0	85.8 85.8	92.8 92.8	93.9 93.9	94.8 94.8	95.8 95.8	96.6 96.6	97.5 97.5	98.7 98.7	99.0 99.0	99.2 99.2	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-71,73-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	38.6 41.5	38.9 41.8	38.9 41.8	39.1 42.0	39.1 42.0	39.1 42.0	39.1 42.0	39.3 42.2	39.3 42.2	39.4 42.3	39.4 42.3	39.6 42.6	39.6 42.6	39.6 42.6	39.6 42.6	39.8 42.7
≥ 18000 IV 16000	42.6 42.7	42.8 42.9	42.8 42.9	43.2 43.3	43.2 43.3	43.2 43.3	43.2 43.3	43.3 43.4	43.3 43.4	43.4 43.6	43.4 43.6	43.7 43.8	43.7 43.8	43.7 43.8	43.7 43.8	43.8 43.9
≥ 14000 IV 12000	43.8 47.0	44.1 47.2	44.1 47.2	44.4 47.6	44.4 47.6	44.4 47.6	44.4 47.6	44.6 47.7	44.6 47.7	44.7 47.9	44.7 47.9	44.9 48.1	44.9 48.1	44.9 48.1	44.9 48.1	45.1 48.2
≥ 10000 IV 9000	51.3 53.2	51.5 53.4	51.5 53.4	51.9 53.8	51.9 53.8	51.9 53.8	51.9 53.8	52.0 53.9	52.0 53.9	52.1 54.0	52.1 54.0	52.4 54.3	52.4 54.3	52.4 54.3	52.4 54.3	52.5 54.4
≥ 8000 IV 7000	58.5 65.9	58.7 66.3	58.7 66.3	59.1 66.7	59.2 66.8	59.2 66.8	59.2 66.8	59.3 66.9	59.3 66.9	59.5 67.0	59.5 67.0	59.7 67.3	59.7 67.3	59.7 67.3	59.7 67.3	59.8 67.4
≥ 6000 IV 5000	70.3 74.4	70.7 75.0	70.7 75.0	71.1 75.4	71.2 75.5	71.2 75.5	71.2 75.6	71.3 75.8	71.3 75.8	71.5 75.9	71.5 75.9	71.7 76.1	71.7 76.1	71.7 76.1	71.7 76.1	71.8 76.2
≥ 4500 IV 4000	77.8 82.6	78.8 83.6	78.8 83.6	79.2 84.0	79.3 84.1	79.3 84.1	79.4 84.2	79.5 84.3	79.5 84.3	79.7 84.5	79.7 84.5	79.9 84.7	79.9 84.7	79.9 84.7	79.9 84.7	80.1 84.8
≥ 3500 IV 3000	84.6 85.6	85.9 87.5	85.9 87.6	86.2 88.0	86.4 88.1	86.4 88.1	86.6 88.4	86.7 88.5	86.7 88.5	86.9 88.6	86.9 88.6	87.1 88.9	87.1 88.9	87.1 88.9	87.1 88.9	87.2 89.0
≥ 2500 IV 2000	86.6 87.2	88.5 89.1	88.8 89.5	89.1 89.9	89.6 90.7	89.6 90.8	90.0 91.4	90.2 91.5	90.2 91.7	90.3 91.9	90.3 91.9	90.5 92.2	90.5 92.2	90.5 92.2	90.5 92.2	90.7 92.3
≥ 1800 IV 1500	87.5 87.8	89.5 90.0	90.0 90.5	90.4 90.9	91.3 91.8	91.4 92.0	92.2 93.1	92.3 93.2	92.4 93.3	92.7 93.6	92.7 93.6	92.9 93.8	92.9 93.8	92.9 93.8	92.9 93.8	93.1 93.9
≥ 1200 IV 1000	87.8 87.9	90.0 90.2	90.8 90.9	91.2 91.5	92.2 92.8	92.4 93.2	93.4 94.6	93.7 94.8	93.8 95.2	94.1 95.7	94.1 95.7	94.3 96.0	94.3 96.0	94.3 96.0	94.3 96.0	94.4 96.1
≥ 900 IV 800	88.0 88.0	90.7 90.7	91.4 91.4	92.0 92.0	93.3 93.3	93.7 93.7	95.1 95.1	95.5 95.5	95.8 95.8	96.5 96.5	96.5 96.5	96.7 96.7	96.7 96.7	96.7 96.7	96.7 96.7	96.8 96.8
≥ 700 IV 600	88.0 88.0	90.8 90.8	91.5 91.5	92.2 92.2	93.4 93.4	93.8 93.8	95.2 95.2	95.6 95.6	96.0 96.0	96.6 96.6	96.6 96.6	96.8 97.1	96.8 97.1	97.1 97.1	97.1 97.1	97.2 97.2
≥ 500 IV 400	88.3 88.3	91.7 91.9	92.4 92.7	93.1 93.3	94.3 94.6	94.7 94.9	96.1 96.5	96.6 97.0	97.0 97.3	97.6 98.1	97.6 98.1	97.9 98.7	98.1 98.9	98.1 98.9	98.1 98.9	98.2 99.0
≥ 300 IV 200	88.3 88.3	91.9 91.9	92.8 92.8	93.4 93.4	94.7 94.7	95.2 95.2	96.7 96.7	97.3 97.5	97.7 97.9	98.6 98.7	99.1 99.2	99.4 99.5	99.6 99.9	99.6 99.9	99.6 99.9	99.7 100.0
≥ 100 IV 0	88.3 88.3	91.9 91.9	92.8 92.8	93.4 93.4	94.7 94.7	95.2 95.2	96.7 96.7	97.5 97.5	97.9 97.9	98.7 98.7	99.2 99.2	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

07-71,73-76

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.8	41.8	41.8
IV 20000	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.2	46.2	46.2
IV 18000	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.8	47.8	47.8
IV 16000	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.0	49.0	49.0
IV 14000	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.9	49.9	49.9
IV 12000	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.6	53.6	53.6
IV 10000	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6
IV 9000	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	63.1	63.1	63.1
IV 8000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4
IV 7000	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.2
IV 6000	77.6	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3
IV 5000	81.8	82.3	82.4	82.4	82.4	82.5	82.5	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	82.9
IV 4500	84.3	85.1	85.2	85.2	85.2	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.9	85.9	85.9
IV 4000	87.0	87.9	88.0	88.0	88.0	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.7	88.7	88.7
IV 3500	88.0	88.9	89.0	89.0	89.0	89.2	89.2	89.3	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7
IV 3000	88.5	90.2	90.7	90.7	90.7	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3
IV 2500	89.3	91.1	91.6	91.6	91.6	91.7	91.7	91.8	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2
IV 2000	89.7	92.1	92.7	92.7	92.9	93.0	93.1	93.5	93.6	93.6	93.8	93.8	93.8	93.9	93.9	93.9
IV 1800	89.8	92.4	93.0	93.0	93.1	93.2	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1
IV 1500	90.6	93.5	94.3	94.3	94.5	94.6	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.7	95.7	95.7
IV 1200	90.6	93.6	94.5	94.6	94.9	95.0	95.5	96.1	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6
IV 1000	90.6	93.6	94.5	94.6	94.9	95.0	95.5	96.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9
IV 900	90.6	93.6	94.5	94.6	94.9	95.0	95.5	96.4	96.7	96.8	96.9	96.9	96.9	97.1	97.1	97.1
IV 800	90.6	93.6	94.6	94.8	95.0	95.2	95.7	96.6	96.8	96.9	97.1	97.1	97.1	97.2	97.2	97.2
IV 700	91.0	94.0	95.0	95.2	95.4	95.7	96.2	97.1	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.0
IV 600	91.1	94.1	95.2	95.3	95.5	95.8	96.3	97.2	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2
IV 500	91.2	94.4	95.4	95.5	96.1	96.3	96.8	97.8	98.1	98.5	98.7	98.9	98.9	99.0	99.0	99.0
IV 400	91.2	94.6	95.7	95.8	96.3	96.6	97.2	98.3	98.6	99.0	99.2	99.4	99.4	99.5	99.5	99.5
IV 300	91.2	94.6	95.7	95.8	96.4	96.9	97.6	98.7	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0
IV 200	91.2	94.6	95.7	95.8	96.4	96.9	97.6	98.7	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0
IV 100	91.2	94.6	95.7	95.8	96.4	96.9	97.6	98.7	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0
IV 0	91.2	94.6	95.7	95.8	96.4	96.9	97.6	98.7	99.0	99.5	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 785

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

7-71, 73-76

APK
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5	37.1 41.5
≥ 18000 ≥ 16000	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2	43.4 44.2
≥ 14000 ≥ 12000	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3	45.4 48.3
≥ 10000 ≥ 9000	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6	56.8 58.6
≥ 8000 ≥ 7000	64.7 73.7	64.7 73.8	64.7 73.9	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0	64.7 74.0
≥ 6000 ≥ 5000	78.3 83.7	78.4 83.8	78.5 83.9	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1	78.7 84.1
≥ 4500 ≥ 4000	86.4 90.1	86.8 91.2	86.9 91.5	87.0 91.6	87.1 91.8	87.1 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9	87.3 91.9
≥ 3500 ≥ 3000	91.1 91.9	92.4 93.7	92.7 94.1	92.8 94.2	92.9 94.3	92.9 94.3	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5	93.1 94.5
≥ 2500 ≥ 2000	92.8 92.9	94.7 95.1	95.1 95.8	95.2 96.0	95.4 96.3	95.4 96.3	95.5 96.5	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9	95.8 96.9
≥ 1800 ≥ 1500	92.9 93.1	95.1 95.2	95.8 95.9	96.0 96.1	96.3 96.4	96.3 96.4	96.5 96.6	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0	96.9 97.0
≥ 1200 ≥ 1000	93.3 93.3	95.6 95.8	96.4 96.5	96.7 97.0	96.9 97.3	96.9 97.3	97.2 97.6	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9	97.6 97.9
≥ 900 ≥ 800	93.3 93.4	95.8 95.9	96.5 96.8	97.0 97.3	97.3 97.7	97.3 97.7	97.6 98.1	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6	97.9 98.6
≥ 700 ≥ 600	93.6 93.6	96.1 96.1	97.0 97.0	97.6 97.6	97.9 97.9	97.9 97.9	98.3 98.3	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8
≥ 500 ≥ 400	93.6 93.6	96.1 96.3	97.3 97.4	97.8 97.9	98.2 98.3	98.2 98.3	98.6 98.7	99.2 99.5	99.2 99.5	99.2 99.5	99.2 99.5	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6	99.4 99.6
≥ 300 ≥ 200	93.6 93.6	96.3 96.3	97.4 97.4	97.9 97.9	98.5 98.5	98.5 98.5	98.8 98.8	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0
≥ 100 0	93.6 93.6	96.3 96.3	97.4 97.4	97.9 97.9	98.5 98.5	98.5 98.5	98.8 98.8	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

778

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-71, 73-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	37.4	37.4	37.4	37.4	37.4
≥ 20000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.9	40.9	40.9	40.9	40.9
≥ 18000	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	42.4	42.4	42.4	42.4	42.4	42.4
≥ 16000	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.8	43.8	43.8	43.8	43.8	43.8
≥ 12000	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.6	53.6	53.6	53.6	53.6	53.6
≥ 9000	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.6	57.6	57.6	57.6	57.6	57.6
≥ 8000	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	64.3	64.3	64.3	64.3	64.3	64.3
≥ 7000	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.4	76.4	76.4	76.4	76.4	76.4
≥ 5000	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	87.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.7	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	90.9	92.8	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.5	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	91.8	94.2	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.9	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	92.4	95.2	95.3	95.6	95.8	95.8	95.8	96.1	96.2	96.2	96.4	97.0	97.0	97.0	97.0	97.0
≥ 1800	92.5	95.3	95.4	95.7	95.9	95.9	95.9	96.2	96.3	96.3	96.6	97.1	97.1	97.1	97.1	97.1
≥ 1500	92.6	95.6	95.8	96.1	96.4	96.4	96.4	96.7	96.8	97.0	97.2	97.7	97.7	97.7	97.7	97.7
≥ 1200	92.6	95.7	95.9	96.2	96.7	96.7	96.7	97.1	97.2	97.5	97.7	98.2	98.2	98.2	98.2	98.2
≥ 1000	92.6	95.8	96.2	96.4	97.0	97.0	97.0	97.5	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7
≥ 900	92.6	95.8	96.2	96.4	97.0	97.0	97.0	97.5	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7
≥ 800	92.6	95.8	96.2	96.4	97.0	97.0	97.0	97.5	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7
≥ 700	92.6	95.8	96.2	96.4	97.0	97.0	97.0	97.5	97.6	97.8	98.2	98.7	98.7	98.7	98.7	98.7
≥ 600	92.6	95.8	96.3	96.6	97.1	97.1	97.1	97.6	97.8	98.1	98.5	99.1	99.2	99.4	99.4	99.4
≥ 500	92.6	95.8	96.4	96.7	97.2	97.2	97.2	97.8	98.2	98.5	98.9	99.5	99.6	99.7	99.7	99.7
≥ 400	92.6	95.8	96.4	96.7	97.2	97.2	97.2	98.0	98.4	98.6	99.0	99.6	99.7	99.9	99.9	99.9
≥ 300	92.6	95.8	96.4	96.7	97.2	97.2	97.2	98.0	98.4	98.6	99.0	99.6	99.7	99.9	99.9	99.9
≥ 200	92.6	95.8	96.4	96.8	97.3	97.3	97.3	98.1	98.5	98.7	99.1	99.7	99.9	100.0	100.0	100.0
≥ 100	92.6	95.8	96.4	96.8	97.3	97.3	97.3	98.1	98.5	98.7	99.1	99.7	99.9	100.0	100.0	100.0
≥ 0	92.6	95.8	96.4	96.8	97.3	97.3	97.3	98.1	98.5	98.7	99.1	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

788

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-71, 73-76
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.5	36.8	36.8	36.9	36.9	36.9	36.9
≥ 20000	38.7	38.8	38.8	38.8	38.0	38.8	38.8	38.8	38.8	39.2	39.4	39.4	39.6	39.6	39.6	39.6
IV 18000	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	40.1	40.3	40.3	40.5	40.5	40.5	40.5
IV 16000	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	40.6	40.6	40.7	40.7	40.7	40.7
IV 14000	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.7	42.0	42.0	42.1	42.1	42.1	42.1
IV 12000	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.6	45.9	45.9	46.0	46.0	46.0	46.0
IV 10000	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.3	51.6	51.6	51.7	51.7	51.7	51.7
IV 9000	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.6	54.9	54.9	55.0	55.0	55.0	55.0
IV 8000	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.8	62.1	62.1	62.2	62.2	62.2	62.2
IV 7000	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.6	66.9	66.9	67.0	67.0	67.0	67.0
IV 6000	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.7	70.7	70.8	70.8	70.8	70.8
IV 5000	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.3	78.3	78.4	78.4	78.4	78.4
IV 4500	79.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0	81.3	81.3	81.4	81.4	81.4	81.4
IV 4000	83.7	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.8	86.1	86.1	86.2	86.2	86.2	86.2
IV 3500	87.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.8	90.0	90.0	90.1	90.1	90.1	90.1
IV 3000	88.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.4	92.7	92.7	92.8	92.8	92.8	92.8
IV 2500	89.4	92.4	92.8	92.9	92.2	93.2	93.2	93.2	93.2	93.6	93.8	93.8	93.9	93.9	93.9	93.9
IV 2000	90.5	93.9	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.6	95.8	95.8	96.0	96.0	96.0	96.0
IV 1800	90.6	94.1	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.7	96.0	96.0	96.1	96.1	96.1	96.1
IV 1500	90.8	94.6	95.6	95.8	96.1	96.2	96.5	96.5	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2
IV 1200	90.8	94.9	96.1	96.5	96.8	97.1	97.3	97.3	97.3	97.9	98.1	98.1	98.2	98.2	98.2	98.2
IV 1000	90.9	95.1	96.3	96.8	97.2	97.5	97.7	97.7	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6
IV 900	90.9	95.1	96.3	96.8	97.2	97.5	97.7	97.7	97.7	98.4	98.7	98.7	98.9	98.9	98.9	98.9
IV 800	90.9	95.1	96.3	96.8	97.2	97.5	97.7	97.7	97.7	98.5	98.9	98.9	99.0	99.0	99.0	99.0
IV 700	90.9	95.1	96.3	96.8	97.2	97.5	97.7	97.7	97.7	98.0	98.0	98.7	99.1	99.1	99.2	99.2
IV 600	90.9	95.2	96.5	97.0	97.3	97.7	98.1	98.4	98.4	99.1	99.5	99.5	99.6	99.6	99.6	99.6
IV 500	90.9	95.2	96.5	97.0	97.3	97.7	98.2	98.5	98.5	99.2	99.6	99.6	99.7	99.7	99.7	99.7
IV 400	90.9	95.3	96.6	97.1	97.5	97.9	98.4	98.6	98.6	99.4	99.7	99.7	99.9	99.9	99.9	99.9
IV 300	90.9	95.3	96.6	97.1	97.5	97.9	98.4	98.6	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	90.9	95.3	96.6	97.1	97.5	97.9	98.4	98.6	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	90.9	95.3	96.6	97.1	97.5	97.9	98.4	98.6	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	90.9	95.3	96.6	97.1	97.5	97.9	98.4	98.6	98.6	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 791

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 26401 ELMENTORE AFB ALASKA/ANCHORAGE

DATE 67-71, 73-76

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.6	38.1	38.1	38.1	38.1	38.1	36.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	38.1	39.7	39.7	39.7	39.7	39.7	39.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	39.2	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 16000	39.3	41.0	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 14000	39.7	41.4	41.4	41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 12000	42.7	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 10000	46.7	48.3	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 9000	49.3	50.9	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 8000	54.5	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	59.3	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 6000	64.9	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 5000	72.1	75.5	75.5	75.5	75.5	75.5	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	76.0	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	79.1	82.8	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	81.5	85.6	85.6	85.6	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	84.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	84.9	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	85.6	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1800	85.6	92.7	93.1	93.3	93.4	93.4	93.4	93.6	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	85.8	93.4	94.1	94.5	94.8	94.8	94.8	95.1	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	85.9	93.8	94.8	95.3	95.8	95.8	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	85.9	94.2	95.5	96.2	96.7	96.7	97.0	97.5	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	85.9	94.2	95.5	96.2	96.7	96.7	97.0	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	85.9	94.3	95.6	96.3	96.8	96.8	97.1	97.7	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	86.1	94.6	95.8	96.6	97.1	97.2	97.5	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	86.1	94.6	95.8	96.6	97.1	97.2	97.5	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	86.1	94.7	96.0	96.7	97.4	97.5	97.7	98.4	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	86.1	94.8	96.1	96.8	97.6	97.7	98.0	98.4	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	86.1	95.0	96.2	97.2	98.0	98.1	98.4	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	86.1	95.0	96.3	97.4	98.1	98.2	98.5	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	86.1	95.0	96.3	97.4	98.2	98.4	98.6	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.1	95.0	96.3	97.4	98.2	98.4	98.6	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

793

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-71,73-76

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	39.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 18000	43.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 16000	43.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 14000	45.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 12000	49.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 10000	53.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 9000	58.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 8000	65.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 7000	72.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 6000	76.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 5000	83.9	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4500	88.1	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 4000	90.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3500	91.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 3000	92.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 2500	93.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 2000	93.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1800	93.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1500	94.1	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1200	94.4	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	94.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	94.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	94.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	94.5	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	94.5	98.9	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	94.5	99.0	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	94.6	99.4	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	94.6	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.6	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.6	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.6	99.5	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS. 818

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-71, 73-76
YEARS

DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 18000	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 16000	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 12000	50.3	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 10000	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 9000	58.6	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 8000	66.3	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	72.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	76.2	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 5000	83.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	86.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	89.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	90.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	92.0	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	92.8	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	93.3	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	93.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	93.5	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	93.9	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	93.9	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	93.9	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	94.0	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	94.0	97.8	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	94.0	97.8	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	94.0	97.8	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	94.0	97.8	98.7	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	94.0	97.8	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	94.0	97.9	98.8	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	94.0	97.9	98.8	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	94.0	97.9	98.8	99.1	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

821

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 67-71, 73-76 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
+0515

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 20000	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8
≥ 18000	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.3
IV 16000	43.9	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5
≥ 14000	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5
IV 12000	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.5
≥ 10000	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
IV 9000	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.6
≥ 8000	67.9	68.7	68.7	68.7	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1
IV 7000	75.0	75.1	76.1	76.1	76.1	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 6000	78.4	79.7	79.7	79.7	79.7	79.7	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
IV 5000	84.9	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
≥ 4500	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 4000	89.4	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
≥ 3500	90.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
IV 3000	91.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 2500	92.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
IV 2000	93.4	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 1800	93.4	95.7	95.7	95.7	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
IV 1500	94.1	96.7	96.7	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2
≥ 1200	94.7	97.3	97.4	97.4	97.5	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
IV 1000	94.7	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
≥ 900	94.7	97.4	97.5	97.5	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 800	95.4	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 700	95.4	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
IV 600	95.4	98.3	98.5	98.5	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 500	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
IV 400	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 300	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
IV 200	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
≥ 100	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
IV 100	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5
0	95.4	98.3	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 809

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAL

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

57-71,73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1
NO CEILING	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 16000	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 10000	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 3500	92.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.5
≥ 3000	94.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 2500	94.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9
≥ 2000	95.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 1800	95.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9
≥ 1500	96.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9
≥ 1200	96.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1000	96.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 900	96.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	96.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
≥ 700	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 600	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 500	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 400	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 300	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	96.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

796

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401 ELMENTORF AFB ALASKA/ANCHORAGE 67-71, 73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 20000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 9000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 8000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 6000	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

803

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

7-71, 73-76
YEAR

14 DAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 20000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 18000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 12000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 6000	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	95.2	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	96.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	96.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	96.7	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	96.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.2	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	97.2	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.2	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	97.3	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.3	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.3	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.3	99.0	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 317

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

STATION NAME

67-71,72-76

YEARS

MAY

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS UST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	37.9 43.1	37.9 43.1	37.9 43.1	37.9 43.1	37.9 43.1	37.9 43.1	37.9 43.1	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3	38.2 43.3
≥ 18000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 14000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 12000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 10000	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 7000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	88.4	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	96.2	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	96.3	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	96.6	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.7	98.9	98.9	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	96.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.1	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

817

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 26401 ELMENDORF AFB ALASKA/ANCHORAGE 7-71, 73-76 YEARS MAY MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	39.8 45.8	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1	40.1 46.1
IV 18000 16000	47.2 48.0	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3	47.4 48.3
IV 14000 12000	50.0 52.7	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9	50.2 52.9
IV 10000 9000	58.3 61.8	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5	58.7 62.5
IV 8000 7000	67.6 74.4	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1	68.4 75.1
IV 6000 5000	78.2 86.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0	79.2 87.0
IV 4500 4000	89.3 91.3	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5	90.6 92.5
IV 3500 3000	93.3 94.1	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7	94.6 95.7
IV 2500 2000	94.9 95.5	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4	96.6 97.4
IV 1800 1500	95.6 95.8	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9	97.5 97.9
IV 1200 1000	95.8 95.8	98.3 98.4	98.3 98.7	98.3 98.8	98.3 98.9	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0	98.3 99.0
IV 900 800	95.8 95.8	98.4 98.7	98.7 98.9	98.8 99.0	98.9 99.3	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4	99.0 99.4
IV 700 600	95.8 95.8	98.8 98.8	99.0 99.0	99.1 99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5
IV 500 400	95.8 95.8	98.8 99.1	99.0 99.4	99.1 99.5	99.4 99.8	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9	99.5 99.9
IV 300 200	95.8 95.8	99.1 99.1	99.4 99.4	99.5 99.5	99.8 99.8	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV 100 0	95.8 96.0	99.1 99.3	99.4 99.5	99.5 99.6	99.8 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 816

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-71, 73-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	29.3 31.8	29.5 32.4	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8	29.5 32.8
IV 18000 IV 16000	32.2 32.7	32.8 33.3	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7	33.2 33.7
IV 14000 IV 12000	34.7 37.9	35.4 38.5	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9	35.7 38.9
IV 10000 IV 9000	44.5 47.1	45.2 47.9	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3	45.6 48.3
IV 8000 IV 7000	52.5 61.7	53.4 62.7	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1	53.7 63.1
IV 6000 IV 5000	68.6 78.1	70.1 81.4	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7	70.5 81.7
IV 4500 IV 4000	81.0 84.4	84.4 88.6	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2	84.9 89.2
IV 3500 IV 3000	87.2 88.2	91.6 93.4	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2	92.3 94.2
IV 2500 IV 2000	88.7 89.7	94.2 96.2	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5	95.2 97.5
IV 1800 IV 1500	89.7 89.7	96.6 96.8	97.6 97.8	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1	97.8 98.1
IV 1200 IV 1000	90.0 90.0	97.1 97.3	98.2 98.5	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7	98.5 98.7
IV 900 IV 800	90.1 90.2	97.5 97.6	98.6 98.7	98.9 99.0	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1	98.9 99.1
IV 700 IV 600	90.5 90.5	97.8 98.0	99.0 99.1	99.2 99.4	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5
IV 500 IV 400	90.5 90.5	98.0 98.0	99.1 99.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5
IV 300 IV 200	90.5 90.5	98.0 98.0	99.2 99.2	99.5 99.5	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 100 IV 0	90.5 90.5	98.0 98.0	99.2 99.2	99.5 99.5	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6

TOTAL NUMBER OF OBSERVATIONS

789

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-71, 73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	26.8 30.9	27.5 32.1	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2	27.7 32.2
≥ 18000 IV 16000	31.4 31.6	32.6 32.7	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8	32.7 32.8
≥ 14000 IV 12000	33.1 36.9	34.2 39.0	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4	34.3 38.4
≥ 10000 IV 9000	43.7 47.5	44.8 48.6	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0	45.2 49.0
≥ 8000 IV 7000	53.9 61.9	55.2 63.1	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5	55.6 63.5
≥ 6000 IV 5000	67.4 77.0	68.9 79.7	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1	69.3 80.1
≥ 4500 IV 4000	79.8 83.6	82.6 86.6	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0	83.0 87.0
≥ 3500 IV 3000	85.6 87.5	89.0 90.9	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3
≥ 2500 IV 2000	88.9 89.9	92.9 94.8	93.7 95.6	93.7 95.7	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0	93.7 96.0
≥ 1800 IV 1500	90.2 90.8	95.2 96.2	96.0 97.0	96.1 97.1	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3	96.3 97.3
≥ 1200 IV 1000	91.2 91.5	96.7 97.1	97.7 98.1	97.9 98.2	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5	98.1 98.5
≥ 900 IV 800	91.5 91.5	97.2 97.5	98.2 98.6	98.4 98.7	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0	98.6 99.0
≥ 700 IV 600	91.5 91.5	97.6 97.6	98.7 98.7	98.9 98.9	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1	99.1 99.1
≥ 500 IV 400	91.7 91.7	97.9 98.0	99.0 99.1	99.1 99.2	99.4 99.5	99.4 99.5	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6	99.5 99.6
≥ 300 IV 200	91.8 91.8	98.1 98.2	99.2 99.4	99.4 99.5	99.6 99.9	99.6 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
≥ 100 IV 0	91.8 91.8	98.2 98.2	99.4 99.4	99.5 99.5	99.9 99.9	99.9 99.9	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

792

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71,73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	28.4 33.0	28.7 33.5	29.0 33.8	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0	29.2 34.0
IV ≥ 18000	34.2 35.0	34.7 35.5	35.1 35.9	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0	35.2 36.0
IV ≥ 14000	35.6 40.2	36.1 40.7	36.5 41.0	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2	36.6 41.2
IV ≥ 10000	48.2 52.1	49.0 52.9	49.4 53.3	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4	49.5 53.4
IV ≥ 8000	58.1 64.4	58.8 65.2	59.2 65.5	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7	59.3 65.7
IV ≥ 6000	71.7 79.9	72.6 81.3	73.0 81.7	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8	73.1 81.8
IV ≥ 4500	80.8 85.4	82.2 87.4	82.6 87.8	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9	82.7 87.9
IV ≥ 3500	87.2 88.3	89.8 90.8	90.2 91.2	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3	90.3 91.3
IV ≥ 2500	89.1 90.8	92.4 94.4	92.8 94.8	92.9 95.1	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2	92.9 95.2
IV ≥ 1800	91.0 91.4	94.8 95.6	95.2 96.0	95.5 96.2	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3	95.6 96.3
IV ≥ 1200	91.8 92.6	96.0 96.7	96.3 97.1	96.6 97.3	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7	96.8 97.7
IV ≥ 900	92.6 92.9	96.8 97.3	97.2 97.7	97.5 98.0	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4	97.9 98.4
IV ≥ 700	92.9 92.9	97.5 97.5	97.9 97.9	98.1 98.1	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5	98.5 98.5
IV ≥ 500	93.3 93.4	98.2 98.6	98.6 99.0	98.9 99.2	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6	99.2 99.6
IV ≥ 300	93.6 93.6	98.7 98.9	99.1 99.2	99.4 99.5	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV ≥ 200	93.6 93.6	98.9 98.9	99.2 99.2	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV ≥ 100	93.6 93.6	98.9 98.9	99.2 99.2	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9
IV ≥ 0	93.6 93.6	98.9 98.9	99.2 99.2	99.5 99.5	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9	99.9 99.9

TOTAL NUMBER OF OBSERVATIONS 792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-71, 73-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	28.6	28.9	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 20000	35.0	35.2	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	36.3	36.5	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 16000	36.6	36.9	37.3	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	38.5	38.8	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 12000	44.3	44.5	44.9	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 10000	50.9	51.7	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 9000	55.9	56.6	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 8000	62.6	63.4	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 7000	69.8	70.6	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 6000	74.4	75.3	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	83.1	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	84.5	85.6	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4000	88.0	89.7	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	89.6	91.2	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	90.6	92.5	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	92.5	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	93.5	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	94.1	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	94.9	97.7	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	95.3	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	95.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	95.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	95.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	95.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.7	98.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.1	99.1	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

786

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-71,73-75

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5-16	≥¼	≥0
NO CEILING ≥ 20000	27.2 33.9	27.5 34.3	27.8 34.5	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9	28.2 34.9
IV 18000 IV 16000	36.5 37.3	36.9 37.7	37.2 37.9	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3	37.6 38.3
IV 14000 IV 12000	39.0 45.8	39.3 46.2	39.6 46.4	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8	40.0 46.8
IV 10000 IV 9000	53.3 58.6	53.7 59.0	53.9 59.3	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6	54.3 59.6
IV 8000 IV 7000	68.0 76.5	68.4 76.9	68.7 77.2	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5	69.0 77.5
IV 6000 IV 5000	81.1 87.1	81.6 87.9	81.9 88.2	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6	82.2 88.6
IV 4500 IV 4000	89.8 90.9	90.7 91.9	91.0 92.1	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5	91.4 92.5
IV 3500 IV 3000	91.6 93.1	93.0 94.9	93.3 95.2	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6	93.7 95.6
IV 2500 IV 2000	94.7 95.6	96.6 97.5	96.8 97.7	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1
IV 1800 IV 1500	95.7 96.4	97.6 98.4	97.8 98.6	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0	98.2 99.0
IV 1200 IV 1000	96.8 97.0	98.7 98.9	99.0 99.1	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5	99.4 99.5
IV 900 IV 800	97.0 97.0	98.9 98.9	99.1 99.1	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5	99.5 99.5
IV 700 IV 600	97.1 97.1	99.0 99.0	99.2 99.2	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6	99.6 99.6
IV 500 IV 400	97.2 97.2	99.1 99.1	99.4 99.4	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7	99.7 99.7
IV 300 IV 200	97.2 97.3	99.1 99.2	99.4 99.5	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9	99.7 99.9
IV 100 IV 0	97.3 97.5	99.2 99.4	99.5 99.6	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

788

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71, 73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.3	31.9	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 20000	38.5	39.1	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 18000	39.4	40.0	40.1	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 16000	40.1	40.8	40.9	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000	42.8	43.4	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 12000	47.7	48.4	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 10000	55.9	56.6	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	60.6	61.3	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 8000	67.3	68.0	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	73.7	74.3	74.4	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	79.9	80.8	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	87.3	88.4	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	89.7	90.8	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	93.4	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	95.2	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	96.3	98.1	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	96.3	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	96.8	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	97.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	97.2	99.2	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

790

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71,73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	32.8	33.1	33.5	33.5	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
≥ 20000	39.5	39.9	40.3	40.3	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 18000	39.9	40.3	40.7	40.7	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 16000	40.4	40.8	41.2	41.2	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 14000	41.5	42.2	42.6	42.6	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 12000	45.1	45.7	46.1	46.1	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 10000	52.7	53.3	53.7	53.7	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 9000	58.6	59.2	59.6	59.6	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 8000	67.6	68.2	68.6	68.6	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 7000	74.5	75.4	75.8	75.8	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000	80.6	81.4	81.8	81.8	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 5000	88.5	89.8	90.2	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 4500	91.8	93.2	93.7	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 4000	93.8	95.2	95.7	95.7	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 3500	94.4	96.2	96.7	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 3000	95.7	97.5	98.0	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 2500	96.3	98.1	98.6	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 2000	96.5	98.4	98.9	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1800	96.5	98.4	98.9	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 1500	96.6	98.5	99.0	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 1200	96.6	98.5	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 1000	96.6	98.5	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 900	96.6	98.5	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 800	96.6	98.5	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	96.6	98.5	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	96.7	98.6	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	96.7	98.6	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	96.7	98.6	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	96.7	98.6	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	96.7	98.6	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	96.7	98.6	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	96.7	98.6	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

792

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71, 73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	29.9	30.1	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 20000	35.5	35.6	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 16000	36.0	36.1	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 14000	36.1	36.2	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 12000	36.9	37.0	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 10000	41.4	41.5	41.9	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 9000	49.6	49.7	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 8000	51.8	51.9	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	59.2	59.3	59.7	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	67.9	68.3	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 5000	74.7	75.4	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	83.3	84.3	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	87.2	88.4	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	89.8	91.4	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	91.2	92.8	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500	92.4	94.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	93.6	95.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	94.2	96.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	94.4	97.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	94.6	97.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.7	97.6	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.9	97.9	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.1	98.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	95.1	98.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	95.1	98.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	95.2	98.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

792

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 20000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 18000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 16000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 14000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 12000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 10000	42.5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 9000	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 8000	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 7000	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 6000	63.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 5000	71.3	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 4500	77.4	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	81.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	84.6	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	86.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	87.1	92.2	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	87.8	93.8	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	88.0	94.5	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	88.5	95.1	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	88.8	96.1	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	89.1	96.7	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	89.4	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	89.4	97.3	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	89.4	97.4	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	89.4	97.4	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	89.6	97.9	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	89.7	98.1	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	89.7	98.1	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	89.7	98.3	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	89.7	98.4	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	89.7	98.4	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

823

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

26-75

1971

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
IV 18000	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
IV 16000	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
IV 14000	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
IV 12000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 10000	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 9000	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 8000	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 7000	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 6000	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 5000	73.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4500	78.9	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4000	82.3	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 3500	85.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 3000	87.2	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	88.3	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 2000	89.2	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1800	89.5	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1500	89.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1200	90.5	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1000	90.7	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 900	91.5	97.3	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	91.6	97.4	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	91.6	97.4	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	91.8	98.1	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	91.8	98.1	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	91.8	98.2	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	92.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	92.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	92.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	92.0	98.3	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

821

USAF ETAC

FORM 54

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.2	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	32.2	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 18000	32.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
≥ 16000	32.8	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 14000	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 12000	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 10000	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 9000	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 8000	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 6000	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 5000	73.5	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	77.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	80.3	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 3500	82.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	84.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2500	85.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2000	87.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	87.8	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	88.5	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200	89.6	93.5	93.6	93.9	93.9	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	90.6	94.9	95.2	95.4	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	91.0	95.4	95.7	95.8	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	91.5	96.0	96.5	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	91.8	96.6	97.3	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	92.1	97.4	98.2	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	92.3	97.8	98.5	98.7	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.4	98.0	98.8	98.9	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	92.7	98.3	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	92.7	98.3	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.7	98.3	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	92.7	98.3	99.0	99.1	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 819

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401 ELMENTORF AFB ALASKA/ANCHORAGE

75-75

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/8	≥0
NO CEILING ≥ 20000	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7	32.5 35.7
≥ 18000 IV 16000	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3	36.1 36.3
≥ 14000 IV 12000	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2	37.8 40.2
≥ 10000 IV 9000	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7	46.0 50.7
≥ 8000 IV 7000	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5	57.0 63.5
≥ 6000 IV 5000	69.1 76.5	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1	69.2 77.1
≥ 4500 IV 4000	80.1 83.1	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4	81.4 85.4
≥ 3500 IV 3000	84.5 86.7	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5	86.8 89.5
≥ 2500 IV 2000	88.6 90.0	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9	91.7 93.9
≥ 1800 IV 1500	90.5 91.4	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9	94.4 95.9
≥ 1200 IV 1000	92.3 91.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.3 97.3	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4	97.4 97.4
≥ 900 IV 800	92.4 93.1	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9	97.9 98.9	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0	98.1 99.0
≥ 700 IV 600	93.1 93.1	98.9 99.4	98.9 99.5	98.9 99.5	98.9 99.6	98.9 99.6	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8	99.0 99.8
≥ 500 IV 400	93.1 93.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.9	99.5 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 300 IV 200	93.1 93.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.9	99.5 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0
≥ 100 IV 0	93.1 93.1	99.4 99.4	99.5 99.5	99.5 99.5	99.5 99.9	99.5 99.9	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

821

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200 1400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.6
≥ 20000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
≥ 18000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6
IV 16000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 14000	42.0	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7
IV 12000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
IV 10000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
IV 9000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
IV 8000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 7000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
IV 6000	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
IV 5000	81.6	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6
IV 4500	84.1	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 4000	86.3	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5
IV 3500	87.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
IV 3000	88.9	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
IV 2500	89.9	92.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 2000	91.2	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
IV 1800	91.3	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
IV 1500	92.1	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
IV 1200	92.2	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6
IV 1000	92.4	97.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
IV 900	92.4	97.3	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
IV 800	92.6	97.9	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
IV 700	92.6	98.0	98.9	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 600	92.6	98.0	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.8
IV 500	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 400	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 300	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 200	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 100	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0
IV 0	92.6	98.0	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 820

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥20000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥18000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 16000	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 14000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 12000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 10000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 9000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 8000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 7000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 6000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 3000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 2500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 900	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 700	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 600	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 400	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 300	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 200	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 100	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4

TOTAL NUMBER OF OBSERVATIONS 815

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 20000	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 18000	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 16000	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 14000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 12000	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 10000	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 9000	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 8000	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 4500	89.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 4000	91.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3500	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 3000	93.4	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	94.0	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	94.3	96.6	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	94.4	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	95.0	97.3	97.3	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 1200	95.0	97.4	97.6	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	95.4	97.9	98.1	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	95.5	98.1	98.4	98.7	98.9	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 800	95.5	98.1	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	95.5	98.1	98.4	98.7	98.9	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	95.5	98.2	98.5	98.8	99.0	99.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

822

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
IV ≥ 18000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
IV ≥ 16000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
IV ≥ 14000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV ≥ 12000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV ≥ 10000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV ≥ 9000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV ≥ 8000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV ≥ 7000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV ≥ 6000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV ≥ 5000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV ≥ 4500	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV ≥ 4000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV ≥ 3500	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV ≥ 3000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV ≥ 2500	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV ≥ 2000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV ≥ 1800	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV ≥ 1500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV ≥ 1200	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV ≥ 1000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV ≥ 900	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV ≥ 800	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV ≥ 700	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV ≥ 600	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 500	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 400	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 300	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 200	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 100	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 0	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8

TOTAL NUMBER OF OBSERVATIONS

824

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS UT-1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	30.1 32.5	31.2 33.7	31.2 33.7	31.2 33.7	31.2 33.7	31.2 33.7	31.3 33.8	31.5 34.0	31.5 34.0	31.5 34.0	31.5 34.0	31.5 34.0	31.5 34.0	31.6 34.1	31.6 34.1	31.8 34.4
≥ 18000 IV 16000	32.8 32.9	34.0 34.1	34.0 34.1	34.0 34.1	34.0 34.1	34.0 34.1	34.1 34.3	34.4 34.5	34.4 34.5	34.4 34.5	34.4 34.5	34.4 34.5	34.4 34.5	34.5 34.6	34.5 34.6	34.7 34.8
≥ 14000 IV 12000	34.1 36.0	35.4 37.5	35.4 37.5	35.4 37.5	35.4 37.5	35.4 37.5	35.5 37.6	35.7 37.8	35.7 37.8	35.7 37.8	35.7 37.8	35.7 37.8	35.7 37.8	35.8 37.9	35.8 37.9	36.0 38.1
≥ 10000 IV 9000	40.3 43.2	41.8 45.2	41.9 45.3	41.9 45.3	41.9 45.3	41.9 45.3	42.0 45.4	42.2 45.6	42.2 45.6	42.2 45.6	42.2 45.6	42.2 45.6	42.2 45.6	42.3 45.7	42.3 45.7	42.5 46.0
≥ 8000 IV 7000	51.6 60.4	53.8 62.7	53.9 62.8	53.9 62.8	53.9 62.8	53.9 62.8	54.0 62.9	54.3 63.1	54.3 63.1	54.3 63.1	54.3 63.1	54.3 63.1	54.3 63.1	54.4 63.2	54.4 63.2	54.6 63.4
≥ 6000 IV 5000	66.2 75.4	68.8 81.1	69.0 81.2	69.0 81.2	69.0 81.2	69.0 81.2	69.1 81.3	69.3 81.5	69.3 81.5	69.3 81.5	69.3 81.5	69.3 81.5	69.3 81.5	69.4 81.7	69.4 81.7	69.6 81.9
≥ 4500 IV 4000	77.6 80.3	83.9 87.1	84.0 87.2	84.0 87.2	84.0 87.2	84.0 87.2	84.1 87.3	84.3 87.5	84.3 87.5	84.3 87.5	84.3 87.5	84.3 87.5	84.3 87.5	84.4 87.6	84.4 87.6	84.6 87.8
≥ 3500 IV 3000	82.2 82.9	89.4 90.3	89.5 90.6	89.5 90.6	89.5 90.6	89.5 90.6	89.6 90.7	89.8 90.9	89.8 90.9	89.8 90.9	89.8 90.9	89.8 90.9	89.8 90.9	89.9 91.0	89.9 91.0	90.2 91.3
≥ 2500 IV 2000	83.6 84.4	91.6 93.6	92.3 94.5	92.4 94.6	92.4 94.6	92.4 94.6	92.7 94.9	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	92.9 95.1	93.0 95.2	93.0 95.2	93.3 95.5
≥ 1800 IV 1500	84.4 84.4	93.8 94.1	94.7 95.1	94.8 95.2	94.8 95.2	94.8 95.2	95.1 95.6	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.4 95.8	95.5 95.9	95.5 95.9	95.7 96.1
≥ 1200 IV 1000	84.5 84.5	94.5 94.7	95.5 95.7	95.6 95.8	95.6 95.8	95.6 95.8	95.9 96.1	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.1 96.4	96.2 96.5	96.2 96.5	96.5 96.8
≥ 900 IV 800	84.5 84.5	94.8 94.9	95.9 96.4	96.0 96.5	96.0 96.5	96.0 96.5	96.4 96.9	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.6 97.1	96.8 97.3	96.8 97.3	97.0 97.6
≥ 700 IV 600	84.6 84.9	95.0 95.5	96.5 96.9	96.6 97.1	96.6 97.1	96.6 97.1	97.0 97.6	97.2 97.8	97.2 97.8	97.2 97.8	97.2 97.8	97.2 97.8	97.2 97.8	97.3 97.9	97.3 97.9	97.7 98.2
≥ 500 IV 400	85.2 85.3	95.9 96.0	97.3 97.7	97.6 97.9	97.6 98.0	97.6 98.0	97.8 98.2	98.2 98.9	98.2 98.9	98.2 98.9	98.2 98.9	98.2 98.9	98.2 98.9	98.7 99.1	98.7 99.1	98.9 99.3
≥ 300 IV 200	85.3 85.3	96.0 96.0	97.7 97.7	97.7 98.0	97.7 98.1	97.7 98.1	98.0 98.6	98.9 99.0	98.9 99.0	98.9 99.0	98.9 99.0	98.9 99.0	98.9 99.0	99.7 99.8	99.7 99.8	99.9 100.0
≥ 100 IV 0	85.3 85.3	96.0 96.0	97.7 97.7	98.0 98.0	98.1 98.1	98.1 98.6	99.0 99.0	99.3 99.3	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.3 99.4	99.8 99.8	99.8 99.8	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS 905

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

29401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING ≥ 20000	26.4 29.0	26.6 29.2	26.6 29.2	26.7 29.3	26.8 29.5	26.8 29.5	26.8 29.5	26.8 29.5	26.8 29.5	26.9 29.6	27.0 29.7	27.0 29.7	27.0 29.7	27.0 29.7	27.4 30.0	27.6 30.2
IV 18000 16000	29.8 29.8	30.0 30.0	30.0 30.0	30.1 30.1	30.2 30.2	30.2 30.2	30.2 30.2	30.2 30.2	30.2 30.2	30.3 30.3	30.4 30.4	30.4 30.4	30.4 30.4	30.4 30.4	30.8 30.8	31.0 31.0
IV 14000 12000	30.4 33.4	30.7 33.6	30.8 33.7	30.9 33.8	31.0 34.0	31.0 34.0	31.0 34.0	31.1 34.1	31.1 34.1	31.2 34.2	31.3 34.3	31.3 34.3	31.3 34.3	31.3 34.3	31.6 34.6	31.9 34.8
IV 10000 9000	36.4 39.1	36.8 39.7	36.9 39.8	37.0 39.9	37.1 40.0	37.1 40.0	37.1 40.0	37.3 40.1	37.3 40.1	37.4 40.3	37.5 40.4	37.5 40.4	37.5 40.4	37.5 40.4	37.8 40.8	38.0 41.0
IV 8000 7000	48.1 57.5	49.0 58.5	49.2 58.7	49.5 58.9	49.7 59.1	49.7 59.1	49.7 59.1	49.9 59.3	49.9 59.3	50.2 59.7	50.3 59.8	50.3 59.8	50.3 59.8	50.3 59.8	50.7 60.1	50.9 60.3
IV 6000 5000	63.3 72.9	64.7 76.2	65.1 76.5	65.4 76.9	65.6 77.1	65.6 77.1	65.6 77.1	65.8 77.4	65.8 77.4	66.2 77.7	66.3 77.8	66.3 77.8	66.3 77.8	66.3 77.8	66.6 78.1	66.8 78.4
IV 4500 4000	75.3 77.7	78.9 82.2	79.2 82.5	79.8 83.1	80.0 83.3	80.0 83.3	80.0 83.3	80.2 83.5	80.2 83.5	80.5 83.8	80.7 84.0	80.7 84.0	80.7 84.0	80.7 84.0	81.0 84.3	81.2 84.5
IV 3500 3000	79.2 81.0	84.4 87.0	84.7 87.4	85.3 87.9	85.5 88.1	85.5 88.1	85.5 88.1	85.7 88.4	85.7 88.4	86.0 88.7	86.2 88.8	86.2 88.8	86.2 88.8	86.2 88.8	86.5 89.1	86.7 89.3
IV 2500 2000	81.3 83.2	87.8 90.3	88.4 91.1	88.9 91.6	89.2 92.0	89.2 92.0	89.2 92.0	89.5 92.2	89.5 92.2	89.8 92.5	89.9 92.6	89.9 92.6	89.9 92.6	89.9 92.6	90.2 93.0	90.4 93.2
IV 1800 1500	83.5 84.0	90.7 91.8	91.4 92.5	92.0 93.1	92.3 93.5	92.3 93.5	92.3 93.5	92.5 93.7	92.5 93.7	92.9 94.1	93.0 94.2	93.0 94.2	93.0 94.2	93.0 94.2	93.3 94.5	93.5 94.7
IV 1200 1000	84.2 84.4	92.2 92.9	93.1 93.7	93.6 94.3	94.1 94.7	94.1 94.7	94.1 94.7	94.3 94.9	94.3 94.9	94.6 95.3	94.7 95.4	94.7 95.4	94.7 95.4	94.7 95.4	95.1 95.7	95.3 95.9
IV 900 800	84.5 84.7	93.1 93.3	94.0 94.2	94.5 94.8	94.9 95.3	94.9 95.3	94.9 95.3	95.2 95.5	95.2 95.5	95.5 95.8	95.6 95.9	95.6 95.9	95.6 95.9	95.6 95.9	95.9 96.3	96.2 96.5
IV 700 600	84.7 84.8	93.4 93.6	94.3 94.5	95.1 95.3	95.5 95.8	95.5 95.8	95.5 95.8	95.7 96.0	95.7 96.0	96.0 96.4	96.2 96.5	96.2 96.5	96.2 96.5	96.2 96.5	96.5 96.8	96.7 97.0
IV 500 400	85.1 85.2	93.8 94.3	94.7 95.5	95.5 96.3	96.3 97.0	96.3 97.0	96.3 97.0	96.6 97.1	96.6 97.5	96.9 97.8	97.0 97.9	97.0 97.9	97.0 97.9	97.0 97.9	97.4 98.5	97.6 98.7
IV 300 200	85.2 85.2	94.3 94.3	95.5 95.5	96.3 96.4	97.4 97.5	97.4 97.5	97.4 97.5	97.5 97.6	97.5 97.6	97.8 98.0	97.9 98.1	98.5 98.7	98.6 98.8	98.6 98.8	98.7 98.9	99.2 99.6
IV 100 0	85.2 85.2	94.3 94.3	95.5 95.5	96.4 96.4	97.5 97.5	97.5 97.5	97.5 97.6	98.0 98.0	98.1 98.1	98.7 98.7	98.8 98.8	98.8 98.8	98.8 98.8	98.8 98.8	99.1 99.1	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS... 910

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥0
NO CEILING	26.0	26.2	26.4	26.5	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	27.0	27.0	27.3
≥ 20000	28.4	28.7	28.9	29.0	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.6	29.6	30.0
IV 18000	29.0	29.2	29.4	29.5	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.2	30.2	30.5
IV 16000	29.6	29.9	30.1	30.2	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.9	30.9	31.2
IV 14000	30.8	31.0	31.2	31.3	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	32.0	32.0	32.3
IV 12000	34.0	34.2	34.4	34.5	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.2	35.2	35.5
IV 10000	38.4	38.6	38.8	38.9	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.9
IV 9000	41.5	42.0	42.3	42.4	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	43.0	43.0	43.4
IV 8000	50.0	50.6	50.8	50.9	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.9
IV 7000	60.4	61.3	61.5	61.6	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.3	62.3	62.6
IV 6000	66.3	67.3	67.5	67.7	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.7	68.7	69.0
IV 5000	75.7	77.3	77.5	77.8	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.6	78.6	79.1
IV 4500	79.1	81.3	81.9	82.1	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	83.1	83.1	83.4
IV 4000	81.4	84.1	84.6	84.8	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.8	85.8	86.2
IV 3500	82.5	85.6	86.4	86.6	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.9
IV 3000	85.2	88.6	89.4	89.6	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.7	90.7	91.0
IV 2500	85.5	88.9	89.8	90.0	90.7	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.4	91.4	91.7
IV 2000	86.2	89.9	90.8	91.2	91.9	91.9	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.7	92.7	93.0
IV 1800	86.2	89.9	90.8	91.2	91.9	91.9	91.9	92.3	92.3	92.4	92.4	92.4	92.4	92.7	92.7	93.0
IV 1500	87.1	91.0	91.9	92.3	93.0	93.0	93.0	93.4	93.4	93.5	93.5	93.5	93.5	93.8	93.8	94.1
IV 1200	87.2	91.3	92.3	92.6	93.4	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8	94.1	94.1	94.5
IV 1000	87.4	92.0	93.0	93.5	94.2	94.2	94.2	94.6	94.6	94.7	94.7	94.7	94.7	95.0	95.0	95.4
IV 900	87.6	92.4	93.4	93.8	94.6	94.6	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.4	95.4	95.7
IV 800	87.9	92.8	93.9	94.5	95.2	95.2	95.2	95.6	95.6	95.7	95.7	95.7	95.7	96.0	96.0	96.3
IV 700	87.9	93.0	94.1	94.7	95.5	95.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	96.2	96.2	96.6
IV 600	88.2	93.5	94.6	95.1	95.9	95.9	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.7	96.7	97.0
IV 500	88.4	93.9	95.0	95.7	96.6	96.6	96.6	97.0	97.0	97.1	97.1	97.2	97.2	97.6	97.6	98.0
IV 400	88.4	93.9	95.0	96.0	96.9	96.9	96.9	97.7	97.8	97.9	98.0	98.1	98.1	98.5	98.5	98.9
IV 300	88.4	93.9	95.0	96.0	97.0	97.0	97.1	98.1	98.2	98.3	98.5	98.6	98.6	98.9	98.9	99.3
IV 200	88.4	93.9	95.0	96.1	97.1	97.1	97.2	98.2	98.5	98.6	98.8	98.9	98.9	99.2	99.2	99.7
IV 100	88.4	93.9	95.0	96.1	97.1	97.2	97.2	98.2	98.5	98.6	98.8	98.9	98.9	99.2	99.2	99.8
IV 0	88.4	93.9	95.0	96.1	97.1	97.2	97.2	98.2	98.5	98.6	98.8	98.9	98.9	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

904

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS U.S.T.

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.8	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3
≥ 20000	34.7	35.1	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000	35.1	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8
≥ 16000	35.6	36.0	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4
≥ 14000	37.4	37.7	37.8	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2
≥ 12000	40.3	40.6	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000	46.1	46.5	46.7	46.7	47.0	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1
≥ 9000	48.3	48.8	49.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4
≥ 8000	57.0	57.6	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
≥ 7000	65.0	65.8	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	72.1	72.9	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	80.0	82.0	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	82.1	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 4000	84.2	86.7	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	86.4	89.2	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	87.3	90.5	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	88.2	91.5	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	88.7	92.4	93.4	93.4	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	88.8	92.6	93.6	93.6	94.2	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	89.6	93.5	94.6	94.7	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	90.0	94.0	95.1	95.4	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	90.5	94.6	95.7	95.9	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	90.6	95.0	96.1	96.3	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	90.6	95.0	96.2	96.6	97.2	97.2	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	90.9	95.5	96.7	97.0	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	91.4	96.2	97.5	97.8	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	91.5	96.6	97.8	98.1	98.8	98.9	98.9	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
≥ 400	91.5	96.6	97.8	98.1	98.8	98.9	98.9	99.1	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	91.5	96.6	97.8	98.2	98.9	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.5	96.6	97.8	98.2	98.9	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.5	96.6	97.8	98.2	98.9	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.5	96.6	97.8	98.2	98.9	99.0	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

904

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5,16	≥¼
NO CEILING	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	37.9	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 18000	38.4	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 16000	38.5	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 14000	40.2	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 12000	44.1	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 10000	48.8	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 9000	51.8	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000	60.2	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
IV 7000	67.8	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 6000	74.9	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	84.0	85.1	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	86.4	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	89.2	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500	89.7	91.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	91.0	93.1	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2500	92.4	94.6	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 2000	92.3	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1800	93.6	96.0	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1500	94.1	96.7	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	94.6	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	94.9	97.7	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	95.1	97.9	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	95.4	98.3	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	95.5	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	95.5	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	95.6	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	95.6	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	95.6	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	95.6	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	95.6	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	95.6	98.7	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

904

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 18000	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 16000	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000	43.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 10000	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 9000	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 7000	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	87.7	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4500	90.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	92.0	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	93.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3000	94.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	94.7	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	95.0	97.0	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	95.0	97.0	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	95.5	97.5	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.1	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.1	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	96.1	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	96.1	98.5	98.7	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.2	98.7	98.9	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	96.2	98.7	98.9	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	96.2	98.9	99.1	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	96.2	98.9	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.2	98.9	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.2	98.9	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.2	98.9	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.2	98.9	99.1	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

905

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 20000	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
≥ 16000	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 14000	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 12000	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 10000	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 8000	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 5000	85.5	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	89.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	91.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	92.5	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	93.7	95.0	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	94.5	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	95.3	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	95.3	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	95.0	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.3	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	96.4	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	96.4	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	96.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	96.5	98.6	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	96.5	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

908

USAF ETAC

FORM 7-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELKHENDORF AFB ALASKA/ANCHORAGE 66-75

406

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	31.6	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000	35.0	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 18000	35.1	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 16000	35.4	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 14000	36.6	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 12000	39.7	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	44.9	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 9000	46.6	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 8000	54.1	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 7000	63.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	69.7	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	81.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	85.1	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4000	87.7	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	89.3	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	90.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2500	90.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	91.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	91.0	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	91.1	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	91.2	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	91.3	97.5	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	91.3	97.5	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	91.3	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	91.3	97.6	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600	91.3	97.6	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	91.4	97.7	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	91.4	98.3	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	91.4	98.3	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.4	98.3	98.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.4	98.3	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.4	98.3	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

909

USAF ETAC

FORM
PA 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

06-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	36.9	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9
≥ 20000	36.5	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.6
≥ 18000	39.5	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.6
≥ 16000	39.8	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0
≥ 14000	41.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.4
≥ 12000	43.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.8
≥ 10000	47.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.2
≥ 9000	49.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	51.2
≥ 8000	54.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.4
≥ 7000	61.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.7
≥ 6000	66.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	70.0
≥ 5000	73.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	79.0
≥ 4500	77.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	83.3
≥ 4000	81.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	87.4
≥ 3500	82.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.6
≥ 3000	83.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.6
≥ 2500	83.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	92.2
≥ 2000	84.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.6
≥ 1800	84.7	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.8
≥ 1500	84.8	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.5
≥ 1200	85.0	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.6
≥ 1000	85.3	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.0
≥ 900	85.3	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.0
≥ 800	85.3	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	95.0
≥ 700	85.3	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.6
≥ 600	85.3	94.9	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.9
≥ 500	85.3	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.6
≥ 400	85.4	96.3	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.9
≥ 300	85.4	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.4
≥ 200	85.4	96.6	97.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	99.5
≥ 100	85.4	96.7	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	100.0
≥ 0	85.4	96.7	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

884

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

6-75
YEARS

S-P
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅔ 16	≥0
NO CEILING	32.3	33.0	33.2	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	34.1
≥ 20000	34.1	34.8	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.9
≥ 18000	34.8	35.5	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	36.0	36.0	36.1	36.6
≥ 16000	35.3	36.0	36.3	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.7	36.8	37.2
≥ 14000	36.1	36.8	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.5	37.6	38.0
≥ 12000	36.8	37.4	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.1	38.2	38.6
≥ 10000	43.9	44.5	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.2	45.3	45.7
≥ 9000	47.0	47.7	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.4	48.5	48.9
≥ 8000	51.7	52.6	52.8	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.4	53.5	53.9
≥ 7000	59.4	60.8	61.0	61.0	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.6	62.0
≥ 6000	64.7	66.8	67.0	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.7	67.8	68.3
≥ 5000	75.0	78.2	78.5	78.5	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.2	79.2	79.3	79.4	79.9
≥ 4500	78.1	81.7	82.0	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.7	82.7	82.8	83.0	83.4
≥ 4000	79.9	84.4	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.6	85.6	85.7	85.8	86.3
≥ 3500	81.7	86.6	87.0	87.0	87.3	87.3	87.4	87.4	87.4	87.5	87.7	87.7	87.7	87.8	88.0	88.4
≥ 3000	83.5	89.0	89.4	89.4	89.7	89.7	89.8	89.8	89.8	89.9	90.1	90.1	90.2	90.3	90.5	90.8
≥ 2500	84.0	89.8	90.2	90.2	90.5	90.5	90.6	90.6	90.6	90.7	90.9	90.9	91.0	91.1	91.3	91.6
≥ 2000	84.8	91.6	92.0	92.0	92.4	92.4	92.5	92.5	92.5	92.6	92.8	92.8	92.8	92.9	93.1	93.5
≥ 1800	84.9	91.7	92.2	92.2	92.5	92.5	92.6	92.6	92.6	92.7	93.0	93.0	93.1	93.2	93.3	93.6
≥ 1500	85.0	92.4	92.8	92.8	93.2	93.2	93.4	93.4	93.4	93.5	93.8	93.8	93.9	94.0	94.1	94.4
≥ 1200	85.1	92.6	93.2	93.2	93.5	93.5	93.6	93.6	93.6	93.9	94.1	94.1	94.2	94.3	94.4	94.8
≥ 1000	85.2	92.7	93.3	93.3	93.6	93.6	93.8	93.8	93.8	94.0	94.2	94.2	94.3	94.4	94.5	94.9
≥ 900	85.2	92.7	93.3	93.3	93.6	93.6	93.8	93.8	93.8	94.0	94.2	94.2	94.3	94.4	94.5	94.9
≥ 800	85.2	92.7	93.3	93.3	93.6	93.6	93.8	93.8	93.8	94.0	94.2	94.2	94.3	94.4	94.5	94.9
≥ 700	85.2	93.0	93.5	93.5	93.9	94.0	94.2	94.2	94.2	94.3	94.5	94.5	94.7	94.8	94.9	95.2
≥ 600	85.2	93.3	94.0	94.4	94.8	94.9	95.1	95.1	95.1	95.2	95.5	95.5	95.6	95.7	95.8	96.1
≥ 500	85.3	93.8	94.4	95.0	95.5	95.6	95.8	95.8	95.8	95.9	96.1	96.1	96.3	96.4	96.5	96.8
≥ 400	85.6	94.2	95.3	96.1	96.6	96.7	96.9	96.9	96.9	97.0	97.3	97.3	97.4	97.5	97.6	98.0
≥ 300	85.6	94.3	95.5	96.3	97.0	97.2	97.4	97.4	97.4	97.6	97.8	97.8	97.8	98.0	98.1	98.5
≥ 200	85.6	94.5	95.7	96.6	97.5	97.6	97.8	97.8	97.8	98.0	98.2	98.2	98.4	98.6	98.7	99.2
≥ 100	85.6	94.5	95.7	96.6	97.5	97.6	97.8	97.8	97.8	98.0	98.2	98.2	98.4	98.6	98.7	99.2
≥ 0	85.6	94.5	95.7	96.6	97.5	97.6	97.8	97.8	97.8	98.0	98.2	98.2	98.4	98.6	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS

580

USAF ETAC

FORM
JUL 64

0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	31.7	32.0	32.0	32.0	32.0	32.0	32.1	32.2	32.2	32.3	32.3	32.4	32.5	32.5	32.7	33.4
≥ 20000	34.5	34.7	34.7	34.7	34.7	34.7	34.8	34.9	34.9	35.0	35.0	35.2	35.3	35.3	35.4	35.2
≥ 18000	35.2	35.5	35.5	35.5	35.5	35.5	35.6	35.7	35.7	35.8	35.8	35.8	35.9	36.1	36.1	37.0
≥ 16000	35.3	35.6	35.6	35.6	35.6	35.6	35.7	35.8	35.8	35.9	35.9	36.1	36.2	36.2	36.3	37.1
≥ 14000	36.6	37.0	37.0	37.0	37.0	37.0	37.1	37.2	37.2	37.3	37.3	37.4	37.5	37.5	37.7	38.5
≥ 12000	41.0	41.3	41.3	41.3	41.3	41.3	41.4	41.5	41.5	41.6	41.6	41.8	41.9	41.9	42.0	42.8
≥ 10000	47.6	47.9	47.9	47.9	47.9	47.9	48.1	48.2	48.2	48.4	48.4	48.5	48.6	48.6	48.7	49.5
≥ 9000	50.6	51.0	51.0	51.1	51.1	51.2	51.4	51.5	51.5	51.6	51.6	51.8	51.9	51.9	52.0	52.8
≥ 8000	56.7	57.0	57.0	57.1	57.1	57.2	57.5	57.6	57.6	57.7	57.7	57.8	57.9	57.9	58.1	59.2
≥ 7000	63.4	63.6	63.8	63.9	63.9	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.7	64.7	65.0	66.0
≥ 6000	69.1	69.5	69.5	69.6	69.6	69.7	70.0	70.1	70.1	70.2	70.2	70.3	70.4	70.4	70.6	71.7
≥ 5000	78.2	79.2	79.2	79.3	79.3	79.4	79.6	79.7	79.7	79.9	79.9	80.0	80.1	80.1	80.3	81.3
≥ 4500	80.8	82.1	82.1	82.3	82.3	82.4	82.6	82.7	82.7	82.8	82.8	82.9	83.0	83.0	83.3	84.3
≥ 4000	83.5	85.1	85.1	85.2	85.2	85.3	85.6	85.7	85.7	85.8	85.8	85.9	86.0	86.0	86.2	87.3
≥ 3500	84.5	86.2	86.2	86.3	86.3	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.1	87.1	87.4	88.4
≥ 3000	85.9	87.8	87.8	87.9	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.9	89.0	89.0	89.2	90.2
≥ 2500	86.7	88.6	88.6	88.7	89.0	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.8	89.8	90.0	91.0
≥ 2000	87.7	90.0	90.3	90.4	90.8	90.9	91.1	91.2	91.2	91.4	91.4	91.5	91.6	91.6	91.8	92.8
≥ 1800	87.7	90.1	90.4	90.6	90.9	91.0	91.2	91.4	91.4	91.5	91.5	91.6	91.7	91.7	91.9	92.9
≥ 1500	88.2	90.7	91.0	91.1	91.5	91.6	91.8	91.9	91.9	92.0	92.0	92.2	92.3	92.3	92.5	93.5
≥ 1200	88.2	90.9	91.2	91.6	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.8	92.8	93.1	94.1
≥ 1000	88.2	90.9	91.2	91.6	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.8	92.8	93.1	94.1
≥ 900	88.2	90.9	91.2	91.6	92.0	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.8	92.8	93.1	94.1
≥ 800	88.2	91.0	91.5	91.8	92.4	92.5	92.7	92.8	92.8	92.9	92.9	93.1	93.2	93.2	93.4	94.4
≥ 700	88.2	91.6	92.3	92.6	93.3	93.4	93.6	93.7	93.7	93.9	93.9	94.0	94.1	94.1	94.3	95.3
≥ 600	88.6	92.3	92.9	93.4	94.1	94.2	94.4	94.5	94.5	94.7	94.7	94.8	94.9	94.9	95.1	96.1
≥ 500	89.0	92.6	93.3	94.0	94.3	94.9	95.2	95.3	95.3	95.6	95.6	95.7	95.8	95.8	96.0	97.0
≥ 400	89.5	93.7	94.5	95.2	96.0	96.1	96.5	96.7	96.7	96.9	96.9	97.0	97.2	97.3	97.5	98.5
≥ 300	89.5	93.9	94.7	95.3	96.1	96.1	96.6	96.8	96.8	97.0	97.2	97.3	97.4	97.5	97.7	98.9
≥ 200	89.5	93.9	94.8	95.6	96.4	96.7	97.0	97.3	97.3	97.6	97.7	97.8	98.0	98.1	98.4	99.7
≥ 100	89.5	93.9	94.8	95.6	96.4	96.7	97.0	97.3	97.4	97.7	98.0	98.1	98.2	98.4	98.6	100.0
0	89.5	93.9	94.0	95.0	96.4	96.7	97.0	97.3	97.4	97.7	98.0	98.1	98.2	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

879

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.7	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.3	33.3	33.3
≥ 20000	37.6	37.8	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.3	38.3	38.3
≥ 18000	38.3	38.5	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.8	39.0	39.0	39.0
≥ 16000	38.4	39.6	38.7	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.2	39.2	39.2
≥ 14000	39.1	39.3	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.9	39.9	39.9
≥ 12000	43.1	43.4	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9
≥ 10000	48.8	49.0	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.6	49.6	49.6
≥ 9000	53.2	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.2	54.2	54.2
≥ 8000	58.4	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.5	59.5	59.5
≥ 7000	66.8	67.6	67.7	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.2	68.2	68.2
≥ 6000	72.1	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.7	73.7	73.7
≥ 5000	79.3	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.3	81.3	81.3
≥ 4500	80.9	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2
≥ 4000	84.4	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.9	86.9	86.9
≥ 3500	85.5	87.4	87.5	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.1	88.1	88.1
≥ 3000	86.2	88.4	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.4	89.4	89.4
≥ 2500	86.6	88.9	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.8	89.8
≥ 2000	87.5	90.0	90.5	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.2	91.2	91.2
≥ 1800	87.5	90.0	90.5	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.2	91.2	91.2
≥ 1500	87.7	90.7	91.2	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.8	91.8	91.8
≥ 1200	88.0	91.2	91.6	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.5	92.5	92.5
≥ 1000	88.1	91.4	92.0	92.2	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.9	93.0	93.0	93.0
≥ 900	88.6	91.8	92.5	92.8	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.5	93.5	93.5
≥ 800	88.8	92.4	93.2	93.4	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2	94.2	94.2
≥ 700	89.1	93.4	94.5	94.8	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9
≥ 600	89.7	94.1	95.4	95.7	96.3	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.9	97.1	97.1	97.1
≥ 500	90.1	95.0	96.6	97.1	97.6	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5
≥ 400	90.4	95.4	96.9	97.4	98.0	98.2	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2
≥ 300	90.5	95.6	97.2	97.6	98.3	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.8	99.9	99.9
≥ 200	90.5	95.6	97.2	97.6	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.9	100.0	100.0
≥ 100	90.5	95.6	97.2	97.6	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.9	100.0	100.0
≥ 0	90.5	95.6	97.2	97.6	98.4	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

883

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

20401
STATIONELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME06-75
YEARSSFP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)1200-1400
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 20000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 14000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10000	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 9000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 8000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 7000	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 5000	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	89.3	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	90.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	91.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	91.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	92.5	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	92.5	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	92.7	95.8	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1200	93.2	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	93.3	96.7	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	93.3	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	93.5	97.1	97.7	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	93.5	97.4	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	93.5	97.4	97.9	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	93.5	97.5	98.2	98.3	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	93.5	97.6	98.4	98.6	98.9	99.0	99.3	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.5	97.8	98.6	98.9	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.5	97.8	98.6	98.9	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.5	97.8	98.6	98.9	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.5	97.8	98.6	98.9	99.1	99.2	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

877

USAF ETAC FORM 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
IV 18000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 16000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 14000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
IV 12000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 10000	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 9000	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 7000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 6000	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 4500	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4000	91.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 3500	92.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 3000	92.9	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2500	93.3	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 2000	93.7	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1800	93.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 1500	93.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1200	94.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1000	94.2	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 900	94.2	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	94.2	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 700	94.4	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	94.4	97.8	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 500	94.4	97.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	94.4	97.9	99.0	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	94.4	98.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	94.4	98.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.4	98.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.4	98.3	99.3	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

878

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26461

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS - MST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 16000	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 14000	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 12000	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 10000	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 9000	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 8000	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 7000	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 6000	73.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 5000	83.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	86.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 4000	88.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 3500	89.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 3000	90.5	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	91.1	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
IV 2000	91.8	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
IV 1800	91.8	95.5	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
IV 1500	91.9	95.7	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
IV 1200	92.2	96.3	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 1000	92.3	96.5	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9
IV 900	92.3	96.5	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.9	97.9
IV 800	92.3	96.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 700	92.3	96.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
IV 600	92.3	96.7	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
IV 500	92.3	96.7	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 400	92.3	96.8	98.0	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
IV 300	92.3	96.8	98.3	99.0	99.3	99.3	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	92.3	97.0	98.4	99.1	99.4	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	92.3	97.0	98.4	99.1	99.4	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	92.3	97.0	98.4	99.1	99.4	99.4	99.4	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

886

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

SFP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 18000	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 16000	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 14000	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 12000	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 10000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 9000	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 8000	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 7000	64.6	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 6500	69.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	77.7	79.8	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4500	82.3	84.0	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	85.0	87.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3500	86.9	91.8	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	88.1	93.6	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 2500	88.5	94.3	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 2000	89.0	94.9	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1800	89.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1500	89.4	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1200	89.6	96.4	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	89.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	89.6	96.6	96.7	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	89.6	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	89.6	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	89.8	97.2	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	89.8	97.3	97.4	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	89.8	97.9	98.0	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 300	89.8	98.3	98.4	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	89.8	98.5	98.6	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	89.8	98.6	98.8	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	89.9	98.8	98.9	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

888

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C
2DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

06-75
YEARSOCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	36.8	37.9	37.9	38.0	38.1	38.1	38.1	38.6	38.7	38.7	38.7	38.7	38.8	39.0	39.5	39.5
≥ 20000	37.8	38.9	38.9	39.0	39.1	39.1	39.1	39.6	39.7	39.7	39.7	39.7	39.8	40.0	40.4	40.4
≥ 18000	38.0	39.1	39.1	39.2	39.3	39.3	39.3	39.8	39.9	39.9	39.9	39.9	40.0	40.2	40.7	40.7
≥ 16000	38.4	39.5	39.5	39.6	39.7	39.7	39.7	40.1	40.2	40.2	40.2	40.2	40.3	40.5	41.0	41.0
≥ 14000	39.9	41.0	41.0	41.1	41.2	41.2	41.2	41.6	41.8	41.8	41.8	41.8	41.9	42.1	42.5	42.5
≥ 12000	41.9	43.0	43.0	43.1	43.2	43.2	43.2	43.5	43.7	43.7	43.7	43.7	43.8	44.1	44.5	44.5
≥ 10000	43.7	44.8	44.8	44.9	45.1	45.1	45.1	45.5	45.6	45.6	45.6	45.6	45.7	45.9	46.4	46.4
≥ 9000	46.5	47.6	47.6	47.7	47.8	47.8	47.8	48.2	48.4	48.4	48.4	48.4	48.5	48.7	49.1	49.1
≥ 8000	49.8	51.3	51.3	51.4	51.5	51.5	51.5	52.0	52.1	52.1	52.1	52.1	52.2	52.4	52.9	52.9
≥ 7000	53.5	55.8	55.8	55.9	56.0	56.0	56.0	56.5	56.6	56.6	56.6	56.6	56.7	56.9	57.4	57.4
≥ 6000	57.5	60.7	60.7	60.8	60.9	60.9	61.0	61.5	61.6	61.6	61.6	61.6	61.6	62.0	62.4	62.4
≥ 5000	63.6	68.5	68.5	68.6	68.8	68.8	68.8	69.5	69.6	69.6	69.6	69.6	69.6	70.0	70.4	70.4
≥ 4500	66.2	71.6	71.6	71.8	72.1	72.1	72.2	72.7	72.9	72.9	72.9	72.9	73.1	73.3	73.7	73.7
≥ 4000	69.0	75.1	75.1	75.2	75.6	75.6	75.7	76.3	76.4	76.4	76.4	76.4	76.6	76.8	77.3	77.3
≥ 3500	71.0	77.4	77.4	77.5	77.9	77.9	78.1	78.7	78.8	78.8	78.8	78.8	79.0	79.2	79.7	79.7
≥ 3000	72.1	79.0	79.0	79.1	79.6	79.6	79.8	80.3	80.4	80.4	80.4	80.4	80.7	80.9	81.3	81.3
≥ 2500	73.5	81.2	81.3	81.4	81.9	81.9	82.1	82.6	82.7	82.7	82.7	82.7	83.0	83.2	83.6	83.6
≥ 2000	76.0	84.8	85.3	85.6	86.3	86.3	86.6	87.1	87.3	87.3	87.3	87.3	87.5	87.7	88.1	88.1
≥ 1800	76.4	85.3	85.9	86.3	87.0	87.0	87.5	88.0	88.1	88.1	88.1	88.1	88.4	88.6	89.0	89.0
≥ 1500	76.5	86.2	86.8	87.1	87.9	87.9	88.5	89.0	89.1	89.2	89.2	89.2	89.3	89.7	90.1	90.1
≥ 1200	76.5	86.7	87.4	87.7	88.5	88.6	89.1	89.7	89.8	89.9	89.9	89.9	90.1	90.3	90.8	90.8
≥ 1000	76.5	87.0	87.8	88.1	89.0	89.1	89.7	90.2	90.4	90.5	90.5	90.5	90.8	91.0	91.5	91.5
≥ 900	76.5	87.0	87.8	88.1	89.0	89.1	89.7	90.2	90.4	90.5	90.5	90.5	90.8	91.0	91.5	91.5
≥ 800	76.5	87.3	88.0	88.4	89.2	89.3	89.9	90.4	90.7	90.8	90.8	90.8	91.0	91.2	91.8	91.8
≥ 700	76.5	87.3	88.0	88.4	89.2	89.3	89.9	90.4	90.7	90.8	90.8	90.8	91.0	91.2	91.8	91.8
≥ 600	76.7	87.6	88.6	89.0	90.0	90.1	90.7	91.2	91.4	91.5	91.6	91.6	91.9	92.1	92.6	92.6
≥ 500	77.3	89.0	90.1	90.5	91.5	91.5	92.2	92.9	93.2	93.3	93.4	93.4	93.7	94.0	94.5	94.5
≥ 400	77.9	89.8	90.9	91.3	92.4	92.5	93.2	93.8	94.4	94.7	95.1	95.1	95.4	95.6	96.2	96.2
≥ 300	77.9	90.1	91.4	92.0	93.2	93.6	94.4	95.1	95.6	96.2	96.7	96.8	97.3	97.6	98.4	98.4
≥ 200	77.9	90.3	91.6	92.6	94.0	94.4	95.3	95.9	96.6	97.1	97.7	97.8	98.4	98.9	99.9	99.9
≥ 100	77.9	90.3	91.6	92.6	94.0	94.4	95.3	95.9	96.6	97.1	97.7	97.8	98.4	98.9	99.9	100.0
≥ 0	77.9	90.3	91.6	92.6	94.0	94.4	95.3	95.9	96.6	97.1	97.7	97.8	98.4	98.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

910

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELLENORRE AFB ALASKA/ANCHORAGE

66-72

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	32.9 34.0	34.5 35.6	34.5 35.6	34.6 35.7	34.8 35.9	34.8 35.9	34.9 36.0	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1	35.0 36.1
IV 18000 16000	34.6 35.1	36.1 36.6	36.1 36.6	36.2 36.8	36.4 37.0	36.4 37.0	36.5 37.1	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2	36.6 37.2
IV 14000 12000	36.8 39.0	38.4 40.7	38.4 40.7	38.5 40.8	38.7 41.0	38.7 41.0	38.8 41.1	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2	38.9 41.2
IV 10000 9000	41.0 43.4	42.7 45.1	42.7 45.1	42.9 45.3	43.1 45.5	43.1 45.5	43.2 45.6	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7	43.3 45.7
IV 8000 7000	47.8 51.9	49.9 54.0	49.9 54.0	50.1 55.0	50.3 55.2	50.3 55.2	50.4 55.3	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4	50.5 55.4
IV 6000 5000	55.9 63.5	59.1 67.4	59.1 67.4	59.2 67.6	59.4 67.8	59.4 67.8	59.5 67.9	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2	59.8 68.2
IV 4500 4000	65.5 69.0	69.7 73.7	69.8 73.8	69.9 73.9	70.1 74.2	70.1 74.2	70.3 74.4	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6	70.6 74.6
IV 3500 3000	70.4 71.3	75.2 76.4	75.4 76.8	75.5 76.9	75.7 77.1	75.7 77.1	75.9 77.4	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6	76.1 77.6
IV 2500 2000	73.1 74.2	78.7 81.0	79.2 81.4	79.3 82.0	79.5 82.2	79.5 82.2	79.9 82.7	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9	80.2 82.9
IV 1800 1500	74.4 74.7	81.5 82.4	82.4 83.6	82.6 83.9	82.8 84.2	82.8 84.2	83.2 84.6	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8	83.4 84.8
IV 1200 1000	74.9 75.0	83.5 84.1	84.7 85.9	85.2 86.6	85.6 87.1	85.7 87.5	86.2 87.9	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1	86.4 88.1
IV 900 800	75.0 75.0	84.2 84.2	86.0 86.0	86.8 86.8	87.5 87.5	87.8 87.8	88.2 88.2	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5	88.5 88.5
IV 700 600	75.0 75.1	84.3 84.5	86.2 86.6	87.0 87.5	87.7 88.1	88.0 88.4	88.5 89.1	88.9 89.4	89.0 89.6	89.3 90.2	89.4 90.3	89.4 90.3	89.4 90.3	89.4 90.3	89.4 90.3	89.4 90.3
IV 500 400	75.4 75.8	85.8 87.5	87.9 90.0	89.0 91.2	89.9 92.3	90.3 92.7	90.9 93.3	91.4 94.0	91.7 94.3	92.4 95.1	92.5 95.3	92.5 95.3	92.5 95.3	92.5 95.3	92.5 95.3	92.5 95.3
IV 300 200	75.8 75.9	87.5 87.9	90.1 90.5	91.3 91.9	92.7 93.3	93.2 93.9	93.9 94.5	94.8 95.4	95.1 95.7	95.3 97.2	95.6 97.5	95.6 97.5	95.6 97.5	95.6 97.5	95.6 97.5	95.6 97.5
IV 100 0	75.9 75.9	87.9 87.9	90.5 90.5	91.9 91.9	93.3 93.3	93.9 93.9	94.5 94.5	95.4 95.4	95.7 95.7	97.2 97.2	97.5 97.5	97.5 97.5	97.5 97.5	97.5 97.5	97.5 97.5	97.5 97.5

TOTAL NUMBER OF OBSERVATIONS 917

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

UCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS U.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	33.0	33.6	33.6	33.6	33.6	33.6	33.8	34.0	34.0	34.1	34.3	34.4	34.5	34.5	35.0	35.6
≥ 20000	35.0	35.6	35.6	35.6	35.6	35.6	35.8	35.9	35.9	36.1	36.3	36.4	36.5	36.5	36.9	37.6
IV 18000	35.6	36.3	36.3	36.3	36.3	36.3	36.5	36.6	36.6	36.7	36.9	37.0	37.2	37.2	37.6	38.3
16000	36.2	36.8	36.8	36.8	36.8	36.8	37.0	37.2	37.2	37.3	37.5	37.6	37.7	37.7	38.1	38.9
IV 14000	37.4	38.0	38.1	38.1	38.1	38.1	38.4	38.5	38.5	38.6	38.8	38.9	39.0	39.0	39.5	40.1
12000	38.8	39.6	39.7	39.7	39.7	39.7	39.9	40.0	40.0	40.1	40.4	40.5	40.6	40.6	41.0	41.7
IV 10000	42.1	43.0	43.1	43.1	43.1	43.1	43.3	43.4	43.4	43.6	43.8	43.9	44.0	44.0	44.4	45.1
9200	44.1	45.0	45.1	45.1	45.1	45.1	45.3	45.4	45.4	45.5	45.8	45.9	46.0	46.0	46.4	47.1
IV 8000	47.6	48.8	49.0	49.0	49.0	49.0	49.2	49.3	49.3	49.4	49.6	49.7	49.8	49.8	50.3	50.9
7000	54.5	56.2	56.4	56.4	56.4	56.4	56.7	56.8	56.8	56.9	57.1	57.2	57.3	57.3	57.8	58.4
IV 6000	60.3	62.4	62.5	62.5	62.5	62.5	62.7	62.8	62.8	63.0	63.2	63.3	63.4	63.4	63.8	64.5
5000	67.6	69.9	70.0	70.0	70.0	70.1	70.5	70.6	70.7	70.8	71.0	71.1	71.2	71.2	71.7	72.3
IV 4500	70.2	72.5	72.7	72.7	72.7	72.8	73.1	73.2	73.3	73.4	73.6	73.7	73.9	73.9	74.3	75.0
4000	72.8	75.2	75.3	75.3	75.4	75.6	76.0	76.1	76.3	76.4	76.6	76.7	77.0	77.1	77.5	78.2
IV 3500	74.1	76.6	76.8	76.8	77.0	77.2	77.5	77.6	77.8	77.9	78.2	78.3	78.5	78.6	79.1	79.7
3000	75.4	78.6	78.8	78.8	79.1	79.3	79.6	79.7	79.9	80.0	80.3	80.4	80.6	80.7	81.1	81.8
IV 2500	76.5	80.7	80.9	80.9	81.1	81.4	81.7	81.8	82.0	82.1	82.4	82.5	82.7	82.8	83.2	83.9
2000	79.1	83.8	84.2	84.3	84.6	84.9	85.4	85.5	85.8	85.9	86.1	86.2	86.4	86.5	87.1	87.7
IV 1800	79.5	84.5	84.9	85.0	85.2	85.6	86.1	86.2	86.4	86.5	86.8	86.9	87.1	87.2	87.7	88.3
1500	79.6	84.9	85.4	85.8	86.1	86.4	87.0	87.1	87.3	87.4	87.7	87.8	88.1	88.1	88.5	89.2
IV 1200	79.7	85.6	86.1	86.7	87.0	87.3	87.9	88.0	88.3	88.4	88.6	88.8	89.0	89.1	89.5	90.2
1000	79.8	85.8	86.3	87.2	87.7	88.0	88.5	88.8	89.1	89.2	89.4	89.5	89.7	89.9	90.3	91.0
IV 900	79.8	85.8	86.4	87.3	87.8	88.1	88.6	88.9	89.3	89.7	90.0	90.1	90.3	90.4	90.8	91.5
800	80.2	86.2	86.9	87.8	88.3	88.6	89.2	89.4	89.9	90.3	90.5	90.6	90.8	91.0	91.4	92.1
IV 700	80.2	86.9	87.5	88.4	89.0	89.3	89.9	90.1	90.5	91.0	91.2	91.3	91.5	91.6	92.1	92.7
600	80.4	87.7	88.3	89.2	89.7	90.1	90.6	91.2	91.7	92.2	92.4	92.5	92.7	92.8	93.3	93.9
IV 500	80.4	88.6	89.6	90.7	91.3	91.6	92.3	92.9	93.5	93.9	94.2	94.3	94.6	94.7	95.1	95.9
400	80.5	89.2	90.2	91.3	92.0	92.3	92.9	93.8	94.4	94.9	95.3	95.4	95.7	95.9	96.6	97.4
IV 300	80.5	89.2	90.6	92.0	92.8	93.2	94.0	95.0	95.6	96.3	96.6	96.8	97.4	97.5	98.2	99.1
200	80.5	89.4	90.8	92.2	93.1	93.4	94.4	95.4	95.9	96.6	96.9	97.1	97.7	97.7	98.8	99.8
IV 100	80.5	89.4	90.8	92.2	93.1	93.4	94.5	95.5	96.0	96.7	97.0	97.2	97.9	98.1	99.0	100.0
0	80.5	89.4	90.8	92.2	93.1	93.4	94.5	95.5	96.0	96.7	97.0	97.2	97.9	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

907

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

56-75

ACT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0.1	≥0
NO CEILING	34.7	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.1	35.3	35.3	35.4	35.4	35.4	35.5	35.6
≥ 20000	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.2	38.4	38.4	38.5	38.5	38.5	38.6	38.7
IV 18000	38.6	38.9	38.9	38.9	38.9	38.9	38.9	39.1	39.2	39.4	39.4	39.5	39.5	39.5	39.6	39.7
IV 16000	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.4	39.6	39.6	39.7	39.7	39.7	39.8	39.9
IV 14000	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.8	41.0	41.0	41.1	41.1	41.1	41.3	41.4
IV 12000	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.7	43.9	43.9	44.0	44.1	44.1	44.2	44.3
IV 10000	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.5	47.5	47.6	47.7	47.7	47.9	48.0
IV 9000	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.9	51.2	51.2	51.3	51.4	51.4	51.5	51.6
IV 8000	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5	56.8	56.8	56.9	57.0	57.0	57.1	57.2
IV 7000	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.5	61.8	61.8	61.9	62.0	62.0	62.2	62.3
IV 6000	65.0	65.8	65.8	65.8	65.8	65.8	65.8	65.9	66.0	66.3	66.3	66.4	66.6	66.6	66.7	66.8
IV 5000	72.3	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.7	74.1	74.1	74.3	74.4	74.4	74.5	74.6
IV 4500	75.8	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.6	78.0	78.0	78.1	78.2	78.2	78.3	78.4
IV 4000	78.2	79.9	79.9	79.9	80.0	80.0	80.1	80.2	80.3	80.7	80.7	80.9	81.0	81.0	81.1	81.2
IV 3500	79.3	81.0	81.0	81.0	81.1	81.1	81.2	81.3	81.4	81.8	81.8	82.0	82.1	82.1	82.2	82.3
IV 3000	79.9	81.8	81.8	81.8	82.1	82.1	82.2	82.3	82.4	82.9	82.9	83.1	83.2	83.2	83.3	83.4
IV 2500	80.5	83.2	83.2	83.2	83.4	83.4	83.5	83.7	83.8	84.4	84.4	84.5	84.6	84.6	84.7	84.8
IV 2000	81.6	85.2	85.4	85.5	85.8	85.8	86.0	86.4	86.5	87.0	87.0	87.1	87.2	87.2	87.3	87.5
IV 1800	81.6	85.5	85.6	85.7	86.0	86.0	86.2	86.6	86.7	87.2	87.2	87.3	87.5	87.5	87.6	87.7
IV 1500	82.6	86.8	87.2	87.3	87.8	87.8	88.0	88.3	88.6	89.1	89.1	89.2	89.3	89.3	89.4	89.5
IV 1200	82.9	88.1	88.7	88.8	89.2	89.2	89.4	89.8	90.2	90.8	90.8	90.9	91.0	91.0	91.1	91.2
IV 1000	83.4	88.6	89.5	89.7	90.1	90.1	90.3	90.6	91.3	91.9	91.9	92.0	92.1	92.1	92.2	92.3
IV 900	83.4	88.8	89.5	89.9	90.3	90.3	90.5	90.9	91.5	92.2	92.2	92.3	92.4	92.4	92.5	92.6
IV 800	83.6	89.1	89.9	90.2	90.6	90.6	90.9	91.2	91.9	92.5	92.5	92.6	92.7	92.7	92.8	93.0
IV 700	83.6	89.5	90.3	90.6	91.1	91.1	91.3	91.6	92.3	93.0	93.0	93.1	93.2	93.2	93.3	93.4
IV 600	83.9	90.1	90.9	91.2	91.6	91.6	91.9	92.2	92.8	93.5	93.5	93.6	93.7	93.8	93.9	94.1
IV 500	84.0	91.1	92.0	92.4	93.0	93.1	93.3	93.6	94.3	95.3	95.5	95.6	95.7	95.7	95.8	95.9
IV 400	84.2	92.0	93.0	93.4	94.4	94.5	94.8	95.3	96.0	97.0	97.2	97.4	97.5	97.5	97.6	97.7
IV 300	84.4	92.6	93.6	94.2	95.4	95.5	96.3	96.8	97.7	98.9	99.2	99.3	99.4	99.4	99.7	99.8
IV 200	84.4	92.6	93.6	94.2	95.4	95.6	96.4	96.9	97.3	99.0	99.3	99.4	99.5	99.7	99.8	99.9
IV 100	84.4	92.6	93.6	94.2	95.4	95.6	96.4	96.9	97.8	99.0	99.3	99.4	99.6	99.7	99.8	99.9
IV 0	84.5	92.7	93.7	94.3	95.5	95.7	96.5	97.0	97.9	99.1	99.4	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

909

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENTORF AFB ALASKA/ANCHORAGE

6-75

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS-151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥10	≥½	≥0
NO CEILING	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7
≥ 16000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 14000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7
≥ 9000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 6000	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	77.9	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4500	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	82.4	83.7	83.8	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	83.4	84.9	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	85.4	87.3	87.4	87.6	87.7	87.8	87.9	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	86.1	88.7	88.8	88.9	89.2	89.3	89.4	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2000	87.3	90.7	90.9	91.1	91.4	91.5	91.7	92.1	92.1	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	87.4	91.1	91.2	91.4	91.7	91.9	92.1	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	87.9	91.9	92.1	92.3	92.6	92.7	93.0	93.5	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	88.2	92.6	93.0	93.4	93.7	93.8	94.1	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	88.7	93.2	93.7	94.2	94.5	94.6	94.8	95.4	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	88.7	93.5	94.1	94.5	94.8	94.9	95.2	95.7	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	88.8	93.6	94.2	94.6	94.9	95.0	95.3	95.8	95.8	96.1	96.4	96.5	96.5	96.5	96.5	96.5
≥ 700	88.9	93.8	94.4	94.8	95.2	95.3	95.5	96.0	96.0	96.4	96.6	96.7	96.7	96.7	96.7	96.7
≥ 600	89.2	94.8	95.4	95.8	96.3	96.4	96.6	97.1	97.2	97.6	97.8	97.9	97.9	97.9	97.9	97.9
≥ 500	89.5	95.4	95.9	96.4	96.8	96.9	97.1	97.7	97.8	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	89.8	96.5	97.1	97.6	98.0	98.1	98.3	98.9	99.0	99.4	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	89.8	96.6	97.4	97.8	98.2	98.3	98.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	89.8	96.6	97.4	97.8	98.2	98.3	98.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	89.8	96.6	97.4	97.8	98.2	98.3	98.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	89.8	96.6	97.4	97.8	98.2	98.3	98.6	99.1	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

906

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/11AC

CEILING VERSUS VISIBILITY

26401 ELMHORSE AFB ALASKA/ANCHORAGE 26-75

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	34.3	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	30.8	33.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	29.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 16000	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 14000	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 12000	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 10000	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 9000	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 8000	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 6000	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	73.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	76.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	79.7	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	81.5	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	83.6	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	85.0	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	86.8	91.0	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	87.1	91.5	91.7	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	87.8	92.5	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	88.0	92.7	93.1	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1000	88.1	93.1	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 900	88.1	93.2	93.5	93.6	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	88.1	93.2	93.6	93.7	94.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	88.2	93.5	93.8	93.9	94.4	94.5	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	88.6	94.0	94.4	94.5	94.9	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	89.1	94.6	95.0	95.1	95.6	95.7	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400	89.2	95.0	95.5	95.8	96.3	96.4	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	89.2	95.3	95.8	96.3	96.8	96.9	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	89.2	95.4	95.9	96.4	96.9	97.0	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	89.2	95.4	95.9	96.4	96.9	97.0	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	89.2	95.4	95.9	96.4	96.9	97.0	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

907

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	34.0 36.9	35.9 38.1	36.0 38.2	36.0 38.2	36.0 38.2	36.0 38.2	36.0 38.2	36.0 38.2	36.1 38.3	36.2 38.4	36.2 38.4	36.2 38.4	36.2 38.4	36.3 38.5	36.3 38.5	36.5 38.7
≥ 18000 ≥ 16000	37.8 38.1	39.0 39.3	39.1 39.4	39.1 39.4	39.1 39.4	39.1 39.4	39.1 39.4	39.1 39.4	39.2 39.5	39.3 39.6	39.3 39.6	39.3 39.6	39.3 39.6	39.4 39.7	39.4 39.7	39.5 39.9
≥ 4000 ≥ 12000	38.8 41.5	40.0 42.7	40.1 42.8	40.1 42.8	40.1 42.8	40.1 42.8	40.1 42.8	40.1 42.8	40.2 43.0	40.3 43.1	40.3 43.1	40.3 43.1	40.3 43.1	40.4 43.2	40.4 43.2	40.5 43.3
≥ 10000 ≥ 9000	45.0 48.0	46.3 49.4	46.4 49.6	46.4 49.6	46.4 49.6	46.4 49.6	46.4 49.6	46.4 49.6	46.5 49.7	46.6 49.8	46.6 49.8	46.6 49.8	46.6 49.8	46.7 49.9	46.7 49.9	46.8 50.0
≥ 8000 ≥ 7000	50.7 55.1	52.1 56.7	52.2 56.8	52.2 56.8	52.2 56.8	52.2 56.8	52.2 56.8	52.2 56.8	52.3 56.9	52.4 57.0	52.4 57.0	52.4 57.0	52.4 57.0	52.5 57.2	52.5 57.2	52.6 57.3
≥ 6000 ≥ 5000	58.6 66.0	61.0 70.2	61.1 70.3	61.1 70.3	61.1 70.3	61.1 70.3	61.1 70.3	61.1 70.3	61.2 70.4	61.3 70.5	61.3 70.5	61.3 70.5	61.3 70.5	61.5 70.6	61.5 70.6	61.6 70.7
≥ 4500 ≥ 4000	69.3 72.7	73.9 78.1	74.2 78.6	74.2 78.6	74.2 78.6	74.2 78.6	74.2 78.6	74.2 78.6	74.3 78.7	74.4 78.9	74.4 78.9	74.4 78.9	74.4 78.9	74.6 79.0	74.6 79.0	74.7 79.1
≥ 3500 ≥ 3000	75.4 77.5	81.2 84.0	81.7 84.6	81.7 84.6	81.7 84.6	81.7 84.6	81.7 84.6	81.7 84.6	81.8 84.7	81.9 84.9	81.9 84.9	81.9 84.9	81.9 84.9	82.0 85.0	82.0 85.0	82.2 85.1
≥ 2500 ≥ 2000	78.5 80.1	85.5 88.4	86.0 89.2	86.0 89.2	86.0 89.2	86.0 89.2	86.0 89.2	86.0 89.2	86.1 89.3	86.2 89.4	86.2 89.4	86.2 89.4	86.2 89.4	86.3 89.5	86.3 89.5	86.6 90.1
≥ 1800 ≥ 1500	80.1 80.5	88.9 90.0	89.6 90.7	89.6 90.7	89.6 90.7	89.6 90.7	89.6 90.7	89.6 90.7	90.0 91.1	90.0 91.1	90.0 91.1	90.0 91.1	90.0 91.1	90.4 91.5	90.4 91.5	90.5 91.6
≥ 1200 ≥ 1000	81.6 81.6	91.3 91.3	92.3 92.4	92.3 92.4	92.3 92.4	92.3 92.4	92.3 92.4	92.3 92.4	93.1 93.3	93.2 93.4	93.3 93.6	93.4 93.6	93.4 93.6	93.5 93.7	93.5 93.7	93.6 93.8
≥ 900 ≥ 800	81.6 81.7	91.5 91.6	92.7 92.8	92.7 92.8	92.7 92.8	92.7 92.8	92.7 92.8	92.7 92.8	93.6 93.7	93.6 93.9	93.7 94.1	93.7 94.2	93.7 94.2	94.1 94.2	94.1 94.3	94.2 94.4
≥ 700 ≥ 600	81.7 81.7	91.6 91.6	92.8 92.8	92.8 92.8	92.8 92.8	92.8 92.8	92.8 92.8	92.8 92.8	93.7 93.7	93.7 93.9	94.1 94.2	94.2 94.2	94.2 94.2	94.3 94.3	94.3 94.3	94.4 94.4
≥ 500 ≥ 400	81.9 82.4	92.2 92.7	93.4 94.2	93.4 94.3	93.4 94.3	93.4 94.3	93.4 94.3	93.4 94.3	94.5 94.6	94.6 94.6	94.6 94.6	94.6 94.6	94.6 94.6	94.7 94.7	94.7 94.7	94.8 94.8
≥ 300 ≥ 200	82.4 82.4	93.2 93.2	94.6 94.8	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	94.6 95.2	96.3 96.4	96.3 96.4	96.3 96.4	96.3 96.4	96.3 96.4	96.8 96.8	96.8 96.8	97.0 97.0
≥ 100 0	82.4 82.4	93.2 93.2	94.8 94.8	95.2 95.2	95.2 95.2	95.2 95.2	95.2 95.2	95.2 95.2	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.8 96.8	96.9 96.9	96.9 96.9	97.0 97.0

TOTAL NUMBER OF OBSERVATIONS 908

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - 151

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	36.0	37.9	38.1	38.1	38.3	38.3	38.4	38.5	38.5	38.7	38.8	38.9	38.9	38.9	39.0	39.0
≥ 20000	37.7	39.6	39.9	39.9	40.1	40.1	40.2	40.3	40.3	40.4	40.5	40.5	40.6	40.6	40.7	40.7
≥ 18000	38.5	40.5	40.7	40.7	41.0	41.0	41.1	41.2	41.2	41.3	41.4	41.4	41.5	41.5	41.6	41.6
≥ 16000	38.9	40.9	41.1	41.1	41.3	41.3	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.9	42.0
≥ 14000	39.9	41.9	42.1	42.1	42.3	42.3	42.4	42.5	42.5	42.6	42.7	42.7	42.8	42.8	43.0	43.0
≥ 12000	41.3	43.3	43.5	43.5	43.7	43.7	43.8	43.9	43.9	44.1	44.2	44.2	44.3	44.3	44.4	44.4
≥ 10000	44.4	45.4	46.6	46.6	46.9	46.9	47.0	47.1	47.1	47.2	47.4	47.4	47.5	47.5	47.6	47.6
≥ 9000	46.1	48.2	48.5	48.5	48.8	48.8	48.9	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.4	49.4
≥ 8000	49.2	51.4	51.8	51.8	52.1	52.1	52.2	52.3	52.3	52.4	52.5	52.5	52.6	52.6	52.8	52.8
≥ 7000	54.1	56.3	56.6	56.6	56.9	56.9	57.0	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.6	57.7
≥ 6000	57.6	61.1	61.7	61.7	62.0	62.0	62.1	62.2	62.2	62.3	62.4	62.4	62.6	62.6	62.7	62.8
≥ 5000	65.1	70.5	71.0	71.0	71.4	71.4	71.5	71.6	71.6	71.7	71.8	71.9	71.9	71.9	72.0	72.1
≥ 4500	67.6	73.5	74.0	74.0	74.3	74.3	74.4	74.6	74.6	74.7	74.8	74.9	74.9	74.9	75.0	75.1
≥ 4000	70.6	77.1	77.6	77.8	78.1	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.6	78.6	78.7	78.9
≥ 3500	72.5	79.0	79.5	79.6	80.0	80.0	80.1	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.7
≥ 3000	73.7	80.5	81.1	81.2	81.5	81.5	81.6	81.8	81.8	81.9	82.0	82.0	82.2	82.2	82.3	82.4
≥ 2500	75.9	83.6	84.1	84.3	84.6	84.6	84.8	85.0	85.0	85.1	85.2	85.2	85.4	85.4	85.5	85.6
≥ 2000	77.5	86.8	87.6	87.8	88.4	88.4	88.7	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.3	89.4
≥ 1800	77.8	87.6	88.2	88.5	89.2	89.2	89.4	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.1	90.2
≥ 1500	78.1	88.8	89.0	89.9	90.5	90.5	90.7	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.6
≥ 1200	78.5	89.6	90.6	90.9	91.6	91.6	92.0	92.3	92.4	92.5	92.6	92.6	92.7	92.7	92.8	93.0
≥ 1000	78.6	90.0	91.0	91.2	92.0	92.0	92.3	92.6	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
≥ 900	78.6	90.0	91.0	91.2	92.0	92.0	92.3	92.6	92.7	92.8	93.0	93.0	93.1	93.1	93.2	93.3
≥ 800	78.7	90.4	91.4	91.6	92.4	92.4	92.7	93.1	93.2	93.3	93.4	93.4	93.5	93.5	93.6	93.7
≥ 700	78.7	90.4	91.5	91.7	92.6	92.6	93.1	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.9	94.1
≥ 600	78.9	90.5	91.6	91.9	92.7	92.7	93.2	93.5	93.6	93.7	93.8	93.8	93.9	94.1	94.2	94.3
≥ 500	79.4	91.1	92.2	92.4	93.3	93.4	93.8	94.2	94.3	94.6	94.8	94.8	95.0	95.0	95.2	95.3
≥ 400	79.7	91.5	93.0	93.2	94.2	94.4	94.8	95.3	95.5	96.1	96.5	96.5	96.7	96.7	96.8	96.9
≥ 300	79.7	92.1	93.5	93.8	95.2	95.4	95.8	96.5	96.8	97.6	98.0	98.0	98.2	98.2	98.3	98.5
≥ 200	79.7	92.4	93.9	94.4	96.0	96.3	96.8	97.5	97.8	98.7	99.1	99.1	99.0	99.6	99.7	99.8
≥ 100	79.7	92.4	93.9	94.4	96.0	96.3	96.8	97.5	97.8	98.7	99.1	99.1	99.0	99.6	99.7	99.9
≥ 0	79.7	92.5	94.1	94.5	96.1	96.4	96.9	97.6	97.9	98.8	99.2	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

903

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	35.4	38.2	38.3	38.4	38.6	38.7	38.7	38.9	39.0	39.3	39.6	39.7	39.7	40.0	40.0	40.3
≥ 20000	37.3	40.3	40.4	40.5	40.7	40.8	40.8	41.0	41.1	41.4	41.7	41.8	41.8	42.1	42.1	42.4
≥ 18000	37.6	40.7	40.8	40.9	41.0	41.1	41.1	41.4	41.5	41.7	42.1	42.2	42.2	42.4	42.4	42.8
≥ 16000	37.6	40.7	40.8	40.9	41.0	41.1	41.1	41.4	41.5	41.7	42.1	42.2	42.2	42.4	42.4	42.8
≥ 14000	38.1	41.2	41.4	41.5	41.6	41.7	41.7	41.9	42.1	42.3	42.6	42.7	42.7	43.0	43.0	43.3
≥ 12000	40.1	43.3	43.5	43.6	43.7	43.9	43.9	44.2	44.2	44.4	44.7	44.9	44.9	45.1	45.1	45.4
≥ 10000	44.6	48.1	48.2	48.4	48.5	48.6	48.6	48.8	48.9	49.2	49.5	49.6	49.6	49.9	49.9	50.2
≥ 9000	46.6	50.1	50.2	50.4	50.5	50.6	50.6	50.9	50.9	51.2	51.5	51.6	51.6	51.9	51.9	52.2
≥ 8000	50.7	54.3	54.4	54.6	54.7	54.8	54.8	55.0	55.1	55.4	55.7	55.8	55.8	56.1	56.1	56.4
≥ 7000	53.7	57.4	57.5	57.6	57.7	57.8	57.8	58.1	58.2	58.4	58.8	58.9	58.9	59.1	59.1	59.5
≥ 6000	57.7	61.7	61.8	62.1	62.3	62.4	62.4	62.6	62.7	63.0	63.3	63.4	63.4	63.7	63.7	64.0
≥ 5000	64.5	69.2	69.3	69.6	69.7	69.9	69.9	70.1	70.2	70.4	70.8	70.9	70.9	71.1	71.1	71.5
≥ 4500	66.7	72.3	72.4	72.8	72.9	73.0	73.0	73.2	73.4	73.6	73.9	74.1	74.1	74.3	74.3	74.6
≥ 4000	69.7	75.9	76.1	76.4	76.6	76.8	76.8	77.0	77.1	77.3	77.7	77.8	77.8	78.0	78.0	78.4
≥ 3500	70.1	76.4	76.5	76.9	77.1	77.2	77.2	77.5	77.6	77.8	78.2	78.3	78.3	78.5	78.5	78.9
≥ 3000	71.1	78.4	78.5	78.9	79.1	79.2	79.2	79.4	79.6	79.8	80.1	80.2	80.2	80.5	80.5	80.8
≥ 2500	72.2	79.7	79.8	80.1	80.4	80.5	80.5	80.7	80.8	81.1	81.4	81.5	81.5	81.8	81.8	82.1
≥ 2000	73.9	82.2	82.4	82.8	83.4	83.5	83.5	83.8	83.9	84.2	84.6	84.7	84.7	84.9	84.9	85.3
≥ 1800	74.2	82.7	82.9	83.5	84.1	84.2	84.2	84.5	84.6	84.9	85.3	85.4	85.4	85.6	85.6	86.0
≥ 1500	74.4	83.2	83.5	84.2	84.8	84.9	84.9	85.2	85.3	85.6	86.0	86.1	86.1	86.3	86.3	86.7
≥ 1200	74.6	83.5	83.9	84.6	85.2	85.3	85.4	85.7	85.9	86.2	86.6	86.7	86.7	86.9	86.9	87.3
≥ 1000	74.8	83.6	84.2	84.9	85.6	85.7	85.8	86.4	86.6	86.9	87.3	87.4	87.4	87.6	87.6	88.0
≥ 900	75.0	84.0	84.8	85.7	86.4	86.5	86.6	87.4	87.5	87.9	88.3	88.4	88.4	88.7	88.7	89.0
≥ 800	75.4	84.9	85.9	86.8	87.5	87.9	88.2	88.7	88.8	89.1	89.6	89.7	89.7	90.0	90.0	90.3
≥ 700	75.6	85.6	86.6	87.5	88.2	88.6	88.9	89.5	89.6	90.0	90.4	90.5	90.5	90.8	90.8	91.1
≥ 600	75.7	86.4	87.6	88.7	89.5	89.8	90.2	90.8	91.0	91.4	91.8	91.9	91.9	92.2	92.2	92.5
≥ 500	75.8	87.5	88.7	89.8	90.8	91.1	91.5	92.3	92.5	93.0	93.5	93.6	93.6	94.0	94.0	94.4
≥ 400	75.9	88.1	89.3	90.5	91.6	91.9	92.3	93.2	93.5	94.3	94.7	94.9	94.9	95.3	95.3	95.8
≥ 300	75.9	88.6	89.8	91.1	92.2	92.5	93.5	95.0	95.2	96.3	97.0	97.1	97.1	97.7	97.7	98.1
≥ 200	75.9	88.6	90.0	91.2	92.4	92.9	93.8	95.3	95.6	96.7	97.7	97.8	97.8	98.7	98.8	99.3
≥ 100	75.9	88.6	90.0	91.2	92.4	92.9	93.8	95.3	95.6	96.8	97.6	97.7	97.7	98.9	99.1	99.8
≥ 0	75.9	88.6	90.0	91.2	92.4	92.9	93.8	95.3	95.6	96.8	97.6	97.7	97.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

856

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

YEARS

N/PV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	36.5 37.8	39.1 40.5	39.6 41.1	39.8 41.2	40.0 41.4	40.4 41.8	40.5 41.9	40.5 41.9	40.5 41.9	40.7 42.1	41.1 42.5	41.2 42.6	42.0 43.4	42.2 43.6	42.8 44.2	43.3 44.7
IV 18000 IV 16000	38.5 38.7	41.2 41.4	41.8 42.0	41.9 42.1	42.1 42.3	42.5 42.7	42.6 42.8	42.6 42.8	42.6 42.8	42.8 43.0	43.2 43.4	43.3 43.5	44.1 44.3	44.3 44.5	44.9 45.1	45.4 45.6
IV 14000 IV 12000	38.9 40.9	41.6 43.7	42.2 44.3	42.3 44.4	42.6 44.7	42.9 45.0	43.0 45.1	43.0 45.1	43.0 45.1	43.3 45.4	43.6 45.7	43.7 45.8	44.0 46.7	44.8 46.9	45.4 47.5	45.8 48.0
IV 10000 IV 9000	44.2 46.0	47.1 49.0	47.7 49.6	47.8 49.7	48.1 49.9	48.4 50.3	48.5 50.4	48.5 50.4	48.5 50.4	48.8 50.6	49.1 51.0	49.2 51.1	50.1 51.9	50.3 52.2	50.9 52.7	51.3 53.2
IV 8000 IV 7000	48.4 53.9	51.5 57.2	52.0 57.8	52.2 57.9	52.4 58.1	52.7 58.5	52.9 58.6	52.9 58.6	52.9 58.6	53.1 58.8	53.5 59.2	53.6 59.3	54.4 60.1	54.6 60.4	55.2 60.9	55.6 61.5
IV 6000 IV 5000	57.8 62.7	61.2 67.4	61.8 68.0	61.9 68.1	62.1 68.3	62.5 68.7	62.6 68.8	62.6 68.8	62.6 68.8	62.8 69.0	63.2 69.4	63.3 69.5	64.1 70.3	64.3 70.5	64.9 71.1	65.5 71.7
IV 4500 IV 4000	65.4 68.2	70.4 73.6	71.0 74.2	71.1 74.3	71.3 74.5	71.7 74.9	71.8 75.0	71.8 75.0	71.8 75.0	72.0 75.2	72.4 75.6	72.5 75.7	73.3 76.5	73.6 76.7	74.2 77.3	74.7 77.9
IV 3500 IV 3000	69.0 70.2	75.0 76.5	75.6 77.3	75.7 77.4	75.9 77.7	76.3 78.0	76.4 78.1	76.4 78.1	76.4 78.1	76.6 78.4	77.0 78.7	77.1 78.8	77.9 79.6	78.1 79.9	78.7 80.5	79.3 81.1
IV 2500 IV 2000	71.5 72.3	78.5 79.6	79.3 81.1	79.5 81.4	79.8 81.6	80.1 82.0	80.2 82.1	80.2 82.1	80.2 82.1	80.5 82.3	80.8 82.7	80.9 82.4	81.8 83.0	82.0 83.2	82.6 83.9	83.2 84.4
IV 1800 IV 1500	72.4 72.7	79.8 80.7	81.3 82.8	81.8 83.3	82.0 83.5	82.3 84.0	82.5 84.1	82.5 84.1	82.5 84.1	82.7 84.3	83.0 84.7	83.2 84.9	84.0 85.6	84.2 85.8	84.8 86.4	85.4 87.0
IV 1200 IV 1000	73.0 73.0	81.5 81.8	83.7 84.0	84.2 84.4	84.6 84.8	85.1 85.6	85.3 85.8	85.3 85.8	85.3 85.8	85.5 86.1	85.8 86.4	86.0 86.5	86.6 87.4	86.8 87.6	87.0 88.2	87.6 88.8
IV 900 IV 800	73.0 73.2	81.9 82.1	84.1 84.3	84.6 84.8	84.9 85.1	85.7 86.0	86.0 86.2	86.0 86.2	86.0 86.2	86.2 86.4	86.5 86.8	86.7 86.9	87.5 87.7	87.7 88.0	88.3 88.5	88.9 89.1
IV 700 IV 600	73.5 73.7	82.6 83.4	84.8 85.6	85.3 86.4	85.7 87.1	86.5 88.0	86.9 88.3	86.9 88.3	86.9 88.3	87.1 88.5	87.5 88.9	87.6 89.0	88.4 89.8	88.7 90.1	89.2 90.6	89.8 91.2
IV 500 IV 400	73.8 73.8	84.7 84.9	87.0 87.4	87.8 88.2	88.5 89.0	89.5 89.9	90.1 90.6	90.1 90.6	90.5 91.0	90.8 91.3	91.1 91.6	91.2 91.7	92.0 92.5	92.3 92.8	92.9 93.4	93.5 94.0
IV 300 IV 200	74.2 74.2	86.0 86.0	88.4 88.4	89.2 89.4	90.3 90.5	91.3 91.7	92.2 92.6	92.9 93.3	93.3 93.8	94.0 94.7	94.5 95.2	94.6 95.4	95.0 96.0	96.6 97.8	97.3 98.5	97.9 99.2
IV 100 IV 0	74.2 74.2	86.1 86.1	88.5 88.5	89.5 89.5	90.8 90.8	91.9 91.9	92.9 92.9	93.6 93.6	94.2 94.2	95.1 95.1	95.6 95.6	95.8 95.8	97.2 97.2	98.4 98.4	99.1 99.1	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

855

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 6-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥1/8	≥0
NO CEILING	33.5	35.4	35.6	35.6	35.8	35.8	36.1	36.7	36.7	36.9	37.5	37.6	38.2	38.5	38.9	39.4
≥ 20000	34.7	36.6	36.8	36.8	36.9	36.9	37.3	37.9	37.9	38.1	38.7	38.8	39.4	39.6	40.1	40.6
≥ 18000	35.2	37.0	37.3	37.3	37.4	37.4	37.7	38.3	38.3	38.6	39.2	39.3	39.9	40.1	40.6	41.0
≥ 16000	35.5	37.4	37.6	37.6	37.7	37.7	38.1	38.7	38.7	38.9	39.5	39.6	40.2	40.4	40.9	41.4
≥ 14000	35.9	37.7	38.0	38.0	38.1	38.1	38.5	39.0	39.0	39.3	39.9	40.0	40.6	40.8	41.3	41.7
≥ 12000	36.3	40.2	40.4	40.4	40.6	40.6	40.9	41.5	41.5	41.7	42.3	42.4	43.0	43.3	43.7	44.2
≥ 10000	40.7	42.7	42.9	42.9	43.0	43.0	43.4	44.0	44.0	44.2	44.8	44.9	45.5	45.7	46.2	46.7
≥ 9000	43.7	45.7	46.0	46.0	46.1	46.1	46.4	47.0	47.0	47.2	47.8	47.9	48.5	48.8	49.2	49.7
≥ 8000	49.0	51.2	51.5	51.5	51.6	51.6	51.9	52.5	52.5	52.8	53.3	53.5	54.0	54.3	54.7	55.2
≥ 7000	53.7	56.0	56.3	56.3	56.4	56.4	56.7	57.3	57.3	57.6	58.1	58.3	58.9	59.1	59.6	60.0
≥ 6000	57.2	60.0	60.3	60.3	60.4	60.4	60.7	61.3	61.3	61.5	62.1	62.3	62.8	63.1	63.5	64.0
≥ 5000	63.7	67.1	67.3	67.3	67.4	67.4	67.8	68.3	68.3	68.6	69.2	69.3	69.9	70.1	70.6	71.0
≥ 4500	65.9	69.5	69.8	69.8	69.9	69.9	70.2	70.8	70.8	71.0	71.6	71.7	72.3	72.6	73.0	73.5
≥ 4000	68.9	73.3	73.5	73.5	73.6	73.6	74.0	74.6	74.6	74.8	75.4	75.5	76.1	76.3	76.8	77.3
≥ 3500	70.2	75.4	75.7	75.8	76.0	76.0	76.3	76.9	76.9	77.1	77.7	77.8	78.4	78.7	79.1	79.6
≥ 3000	71.4	76.9	77.4	77.5	77.7	77.7	78.1	78.7	78.7	78.9	79.5	79.6	80.2	80.4	80.9	81.4
≥ 2500	72.8	79.0	79.5	79.8	80.2	80.2	80.5	81.1	81.1	81.4	81.9	82.1	82.6	82.9	83.4	83.8
≥ 2000	73.4	80.1	80.9	81.4	81.8	81.8	82.2	82.8	82.8	83.0	83.6	83.7	84.3	84.5	85.0	85.5
≥ 1800	73.6	80.7	81.5	81.9	82.6	82.6	83.0	83.6	83.6	83.8	84.4	84.5	85.1	85.3	85.8	86.3
≥ 1500	74.2	81.8	82.8	83.5	84.5	84.6	85.0	85.6	85.6	85.8	86.4	86.5	87.1	87.3	87.8	88.3
≥ 1200	74.4	82.8	83.7	84.5	85.8	85.9	86.3	87.2	87.2	87.6	88.3	88.4	89.0	89.2	89.7	90.2
≥ 1000	74.4	82.8	83.7	84.5	86.0	86.2	86.5	87.5	87.5	87.8	88.5	88.6	89.2	89.4	89.9	90.4
≥ 900	74.6	83.0	83.9	84.8	86.3	86.4	86.9	87.9	87.9	88.4	89.2	89.3	89.9	90.2	90.6	91.1
≥ 800	74.7	83.5	84.4	85.2	86.8	87.1	87.6	88.6	88.6	89.1	89.9	90.0	90.6	90.9	91.3	91.8
≥ 700	74.7	83.8	84.8	85.7	87.2	87.6	88.0	89.1	89.1	89.8	90.6	90.7	91.3	91.6	92.0	92.5
≥ 600	74.9	84.5	85.5	86.4	88.0	88.4	88.9	89.9	89.9	90.6	91.4	91.6	92.1	92.4	92.8	93.3
≥ 500	74.9	84.8	85.8	87.0	88.6	89.0	89.6	90.7	91.0	91.7	92.7	92.8	93.4	93.7	94.1	94.6
≥ 400	75.0	85.9	87.1	88.4	90.0	90.5	91.2	92.5	92.7	93.6	94.6	94.7	95.3	95.5	96.0	96.5
≥ 300	75.1	86.2	87.5	88.7	90.5	91.1	91.8	93.1	93.4	94.6	95.7	96.1	96.8	97.2	97.8	98.2
≥ 200	75.1	86.5	87.8	89.3	91.1	91.7	92.4	93.7	94.0	95.3	96.5	97.2	98.1	98.5	99.1	99.6
≥ 100	75.1	86.5	87.8	89.3	91.1	91.7	92.4	93.7	94.0	95.4	96.6	97.4	98.5	98.8	99.4	100.0
≥ 0	75.1	86.5	87.8	89.3	91.1	91.7	92.4	93.7	94.0	95.4	96.6	97.4	98.5	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 853

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

WV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1'	≥0
NO CEILING ≥ 20000	35.1 37.6	35.8 38.3	36.4 38.9	36.5 39.0	36.9 39.3	37.2 39.7	37.8 40.3	38.3 40.8	38.4 40.9	38.5 41.0	39.2 41.5	39.2 41.8	39.5 42.0	39.5 42.0	39.6 42.2	40.2 42.8
IV 18000 16000	38.3 38.5	39.0 39.3	39.6 39.9	39.7 40.0	40.0 40.4	40.4 40.8	41.0 41.3	41.5 41.8	41.6 41.9	41.7 42.0	42.5 42.9	42.5 43.1	42.6 43.1	42.8 43.1	42.9 43.2	43.5 43.8
IV 14000 12000	39.2 43.5	39.9 44.2	40.5 44.8	40.6 44.9	41.0 45.2	41.3 45.6	41.9 46.2	42.4 46.6	42.5 46.8	42.6 46.9	43.5 47.7	42.5 47.7	43.7 47.9	43.7 47.9	43.8 48.1	44.4 48.6
IV 10000 9000	46.2 49.4	46.9 50.1	47.5 50.6	47.6 50.8	47.9 51.1	48.3 51.5	48.9 52.1	49.4 52.5	49.5 52.8	49.6 52.9	50.4 53.7	50.4 53.7	50.6 54.2	50.8 54.2	50.9 54.3	51.5 54.9
IV 8000 7000	53.5 59.1	54.3 60.0	54.9 60.5	55.0 60.7	55.5 61.1	55.8 61.5	56.5 62.2	57.0 62.7	57.2 62.9	57.4 63.0	58.2 63.8	58.2 63.8	58.7 64.3	58.7 64.3	58.9 64.5	59.5 65.1
IV 6000 5000	62.3 68.3	63.5 69.6	64.2 70.3	64.3 70.4	64.8 70.9	65.1 71.3	65.8 72.0	66.3 72.4	66.5 72.8	66.7 72.9	67.5 73.7	67.5 73.7	68.0 74.2	68.2 74.4	68.4 74.7	69.0 75.3
IV 4500 4000	69.8 71.6	71.1 73.3	71.8 74.0	72.0 74.1	72.6 74.8	72.9 75.1	73.6 75.9	74.1 76.3	74.4 76.7	74.6 76.8	75.4 77.7	75.4 77.7	75.9 78.2	76.1 78.4	76.3 78.7	76.9 79.3
IV 3500 3000	72.4 74.1	75.0 77.7	75.9 78.6	76.0 78.8	76.8 79.7	77.1 80.1	77.9 80.8	78.3 81.3	78.7 81.6	78.8 81.7	79.7 82.7	79.7 82.7	80.2 83.2	80.4 83.4	80.7 83.6	81.3 84.2
IV 2500 2000	75.3 76.2	79.3 80.4	80.2 81.6	80.6 82.0	81.5 83.0	82.0 83.5	82.7 84.3	83.4 85.2	83.7 85.5	83.9 85.7	84.8 86.8	84.8 86.8	85.3 87.3	85.5 87.5	85.7 87.8	86.3 88.3
IV 1800 1500	76.4 76.9	80.9 81.9	82.1 83.0	82.4 83.4	83.5 84.5	84.0 84.9	84.8 86.0	85.6 87.2	86.0 87.6	86.2 87.9	87.3 88.9	87.3 88.9	87.8 89.5	88.0 89.8	88.2 90.0	88.8 90.6
IV 1200 1000	77.3 77.3	83.0 83.5	84.2 84.7	84.6 85.0	85.9 86.3	86.3 86.8	87.4 87.9	88.9 89.5	89.5 90.1	89.8 90.6	90.8 91.6	90.8 91.6	91.4 92.3	91.6 92.6	91.9 92.8	92.5 93.4
IV 900 800	77.3 77.3	83.5 83.5	84.7 84.7	85.0 85.2	86.3 86.5	86.8 86.9	88.0 88.2	89.6 90.2	90.3 90.9	90.8 91.4	91.9 92.5	92.0 92.6	92.6 93.2	92.8 93.4	93.2 93.8	93.8 94.3
IV 700 600	77.4 77.6	84.0 84.6	85.2 85.7	85.6 86.2	87.0 87.6	87.5 88.1	89.0 89.6	91.3 91.9	92.0 92.6	92.6 93.2	93.6 94.2	93.8 94.3	94.3 94.9	94.6 95.2	94.9 95.5	95.5 96.1
IV 500 400	77.6 77.6	84.8 84.9	86.5 86.2	86.5 86.9	88.0 88.5	88.5 89.2	90.1 90.8	92.3 93.1	93.1 93.9	93.6 94.5	94.7 95.5	94.8 95.6	95.4 96.2	95.6 96.7	96.1 97.2	96.7 97.8
IV 300 200	77.6 77.6	84.9 84.9	86.5 86.5	87.2 87.2	88.7 88.7	89.4 89.5	91.2 91.3	93.5 93.8	94.3 94.9	94.9 95.6	96.1 97.1	96.2 97.2	97.1 98.0	97.4 98.5	97.9 99.1	98.5 99.9
IV 100 0	77.6 77.6	84.9 84.9	86.5 86.5	87.2 87.2	88.7 88.7	89.5 89.5	91.3 91.3	93.8 93.8	94.9 94.9	95.6 95.6	97.1 97.1	97.2 97.2	98.0 98.0	98.6 98.6	99.2 99.2	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

849

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401 STATION ELMENDORF AFB ALASKA/ANCHORAGE 06-75

MONTH YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5-16	≥1	≥0
NO CEILING ≥ 20000	37.0 41.5	38.6 43.0	38.8 43.3	38.9 43.4	39.3 43.8	39.4 43.9	39.6 44.1	39.6 44.1	39.6 44.1	40.0 44.5	40.1 44.5	40.1 44.6	40.0 45.0	40.6 45.0	40.8 45.3	40.8 45.3
IV 18000	42.1	43.6	43.9	44.0	44.3	44.5	44.7	44.7	44.7	45.0	45.2	45.2	45.0	45.6	45.7	45.9
IV 16000	42.5	44.0	44.2	44.3	44.7	44.8	45.0	45.0	45.0	45.4	45.5	45.5	46.0	46.0	46.2	46.2
IV 14000	42.9	44.7	44.9	45.0	45.4	45.5	45.8	45.8	45.8	46.1	46.2	46.2	46.7	46.7	46.9	46.9
IV 12000	46.1	47.9	48.1	48.2	48.6	48.7	48.9	48.9	48.9	49.3	49.4	49.4	49.9	49.9	50.1	50.1
IV 10000	49.3	51.1	51.3	51.4	51.8	51.9	52.1	52.1	52.1	52.5	52.6	52.6	53.1	53.1	53.3	53.3
IV 9000	52.6	54.4	54.6	54.7	55.1	55.2	55.4	55.4	55.4	55.8	55.9	55.9	56.4	56.4	56.6	56.6
IV 8000	56.8	58.6	58.8	59.0	59.3	59.4	59.7	59.7	59.7	60.0	60.1	60.1	60.6	60.6	60.8	60.8
IV 7000	62.4	64.3	64.6	64.7	65.1	65.2	65.4	65.4	65.4	65.8	65.9	65.9	66.4	66.4	66.6	66.6
IV 6000	65.4	67.5	67.8	67.9	68.3	68.4	68.6	68.6	68.6	69.0	69.1	69.1	69.6	69.6	69.8	69.8
IV 5000	69.8	71.9	72.3	72.4	72.9	73.0	73.2	73.2	73.3	73.7	73.8	73.8	74.3	74.3	74.5	74.5
IV 4500	70.8	73.1	73.5	73.6	74.1	74.2	74.4	74.4	74.5	74.9	75.0	75.0	75.5	75.5	75.7	75.7
IV 4000	73.1	75.8	76.2	76.3	76.9	77.0	77.2	77.2	77.4	77.7	77.8	77.8	78.3	78.3	79.5	78.5
IV 3500	74.8	78.2	78.5	78.7	79.2	79.4	79.6	79.6	79.7	80.1	80.2	80.2	80.7	80.7	80.9	80.9
IV 3000	76.8	80.2	80.7	80.8	81.5	81.7	82.1	82.1	82.2	82.5	82.7	82.7	83.1	83.1	83.4	83.4
IV 2500	78.7	82.3	82.9	83.0	84.0	84.2	84.6	84.7	84.8	85.1	85.3	85.3	85.7	85.7	86.0	86.0
IV 2000	80.2	84.4	85.3	85.4	86.4	86.7	87.1	87.4	87.5	87.9	88.1	88.1	88.6	88.6	88.8	88.8
IV 1800	80.5	84.9	85.7	85.8	86.9	87.1	87.7	88.1	88.2	88.6	88.8	88.8	89.3	89.3	89.5	89.5
IV 1500	81.0	85.4	86.2	86.3	87.5	87.9	88.6	89.3	89.4	89.7	90.1	90.1	90.6	90.6	90.8	90.8
IV 1200	81.7	86.3	87.1	87.3	88.4	88.8	89.5	90.3	90.9	91.3	91.6	91.6	92.1	92.1	92.3	92.3
IV 1000	82.1	86.8	87.7	87.9	89.0	89.4	90.1	91.0	91.6	92.0	92.5	92.5	92.9	92.9	93.2	93.2
IV 900	82.1	86.9	87.9	88.0	89.2	89.5	90.2	91.2	91.9	92.2	92.7	92.7	93.4	93.4	93.6	93.6
IV 800	82.1	87.3	88.2	88.3	89.5	90.0	90.7	91.7	92.5	92.8	93.4	93.4	94.1	94.1	94.5	94.5
IV 700	82.3	87.5	88.6	88.7	89.9	90.3	91.0	92.1	92.8	93.2	93.8	93.8	94.5	94.6	94.8	94.8
IV 600	82.5	88.0	89.0	89.2	90.4	90.9	91.7	93.0	93.8	94.1	94.7	94.7	95.4	95.5	95.8	95.8
IV 500	82.5	88.3	89.4	89.5	90.8	91.3	92.2	93.5	94.3	94.7	95.3	95.3	96.0	96.3	96.6	96.6
IV 400	82.7	88.8	90.6	90.7	92.0	92.5	93.4	94.7	95.6	96.2	96.9	96.9	97.6	98.1	98.3	98.3
IV 300	82.7	88.9	90.7	90.8	92.1	92.7	93.8	95.0	96.0	96.7	97.5	97.5	98.5	98.9	99.2	99.2
IV 200	82.7	88.9	90.7	90.8	92.1	92.7	93.9	95.3	96.3	97.1	98.1	98.1	99.2	99.6	99.9	99.9
IV 100	82.7	88.9	90.7	90.8	92.1	92.7	93.9	95.3	96.3	97.1	98.1	98.1	99.2	99.6	100.0	100.0
IV 0	82.7	88.9	90.7	90.8	92.1	92.7	93.9	95.3	96.3	97.1	98.1	98.1	99.2	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

848

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	39.2 43.1	39.7 43.7	39.9 44.0	39.9 44.0	39.9 44.0	39.9 44.0	40.0 44.1	40.1 44.2	40.1 44.2	40.1 44.2	40.5 44.5	40.6 44.7	40.6 44.9	40.8 44.9	40.8 44.9	40.8 44.9
≥ 18000 IV 15000	43.5 43.8	44.1 44.4	44.3 44.7	44.3 44.7	44.3 44.7	44.3 44.7	44.4 44.8	44.5 44.9	44.5 44.9	44.5 44.9	44.9 45.2	45.0 45.2	45.0 45.6	45.2 45.6	45.2 45.6	45.2 45.6
IV 14000 IV 12000	44.2 47.1	44.8 47.7	45.0 47.9	45.0 47.9	45.0 47.9	45.0 47.9	45.1 48.0	45.2 48.1	45.2 48.1	45.2 48.1	45.6 48.5	45.7 48.6	45.9 48.8	45.9 48.8	45.9 48.8	45.9 48.8
IV 10000 IV 9000	49.1 49.9	49.7 50.5	49.9 50.7	49.9 50.7	49.9 50.7	49.9 50.7	50.0 50.8	50.1 50.9	50.1 50.9	50.1 50.9	50.5 51.3	50.6 51.6	50.6 51.6	50.8 51.6	50.8 51.6	50.8 51.6
IV 8000 IV 7000	54.5 61.2	55.1 62.0	55.3 62.2	55.3 62.2	55.3 62.2	55.3 62.2	55.5 62.3	55.6 62.4	55.6 62.4	55.6 62.4	55.9 62.8	56.0 62.9	56.3 63.1	56.3 63.1	56.3 63.1	56.3 63.1
IV 6000 IV 5000	63.5 69.8	64.5 71.3	64.8 71.5	64.8 71.5	64.8 71.5	64.8 71.5	64.9 71.6	65.0 71.7	65.0 71.7	65.0 71.7	65.3 72.1	65.5 72.2	65.7 72.4	65.7 72.4	65.7 72.4	65.7 72.4
IV 4500 IV 4000	70.9 73.8	72.8 73.9	73.0 76.2	73.0 76.2	73.0 76.2	73.0 76.2	73.1 76.3	73.3 76.4	73.3 76.4	73.3 76.4	73.6 76.7	73.7 76.9	74.0 77.1	74.0 77.1	74.0 77.1	74.0 77.1
IV 3500 IV 3000	75.1 79.7	77.1 80.7	77.9 81.2	78.0 81.3	78.0 81.3	78.0 81.3	78.1 81.5	78.3 81.6	78.3 81.6	78.4 81.7	78.7 82.1	78.8 82.2	79.1 82.4	79.1 82.4	79.1 82.4	79.1 82.4
IV 2500 IV 2000	78.5 79.7	83.6 85.6	84.2 86.4	84.4 86.7	84.5 87.0	84.7 87.2	84.9 87.4	85.0 87.6	85.0 87.6	85.1 87.8	85.5 88.1	85.6 88.3	85.8 88.5	85.8 88.5	85.8 88.5	85.8 88.5
IV 1800 IV 1500	79.8 80.2	85.9 86.7	86.7 87.7	87.1 88.0	87.3 88.3	87.6 88.5	87.8 89.0	88.0 89.3	88.0 89.4	88.3 89.8	88.6 90.1	88.7 90.2	89.0 90.5	89.0 90.5	89.0 90.5	89.0 90.5
IV 1200 IV 1000	80.6 81.0	87.6 88.3	88.5 89.2	88.8 89.8	89.2 90.1	89.5 90.6	90.2 91.3	90.6 91.4	90.7 91.7	91.2 92.2	91.5 92.6	91.6 92.7	91.9 92.9	91.9 92.9	91.9 92.9	91.9 92.9
IV 900 IV 800	81.3 81.3	88.5 88.5	89.4 89.4	90.1 90.1	90.5 90.5	91.0 91.7	91.7 91.9	92.1 92.4	92.2 92.6	92.7 93.0	93.0 93.5	93.1 93.4	93.4 94.0	93.4 94.0	93.4 94.0	93.4 94.0
IV 700 IV 600	81.6 82.1	89.1 89.7	90.0 90.6	90.7 91.4	91.0 91.7	91.7 92.4	92.6 93.3	93.1 93.8	93.4 94.2	93.8 94.9	94.4 95.5	94.5 95.6	94.9 95.9	94.9 95.9	94.9 95.9	94.9 95.9
IV 500 IV 400	82.3 82.3	90.3 90.8	91.3 92.1	92.2 93.0	92.7 93.5	93.4 94.2	94.2 95.1	94.8 95.8	95.1 96.3	95.9 97.1	96.6 97.8	96.7 97.9	97.1 98.4	97.1 98.6	97.1 98.6	97.1 98.6
IV 300 IV 200	82.3 82.3	91.4 91.4	92.7 92.7	93.6 93.6	94.1 94.1	94.9 94.9	95.3 95.9	96.5 96.5	97.0 97.2	97.8 98.0	98.5 98.7	98.6 98.8	99.1 99.4	99.4 99.8	99.4 99.8	99.4 99.8
IV 100 IV 0	82.3 82.3	91.4 91.4	92.7 92.7	93.6 93.6	94.1 94.1	94.9 94.9	95.9 95.9	96.6 96.6	97.2 97.2	98.0 98.0	98.7 98.7	98.8 98.8	99.4 99.4	99.9 99.9	99.9 99.9	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

860

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.7 40.3	40.8 42.6	41.0 42.7	41.0 42.7	41.0 42.7	41.1 42.8	41.2 42.9	41.3 43.1	41.3 43.1	41.3 43.1	41.4 43.2	41.5 43.3	41.8 43.5	41.9 43.6	41.9 43.6	41.9 43.6
IV ≥ 18000	40.6 41.0	42.9 43.3	43.1 43.4	43.1 43.4	43.1 43.4	43.2 43.5	43.3 43.6	43.4 43.8	43.4 43.8	43.4 43.8	43.5 43.9	43.6 44.0	43.9 44.2	44.0 44.3	44.0 44.3	44.0 44.3
IV ≥ 14000 IV ≥ 12000	42.0 44.1	44.3 46.4	44.5 46.6	44.5 46.6	44.5 46.6	44.6 46.7	44.7 46.8	44.8 46.9	44.8 46.9	44.8 46.9	44.9 47.0	45.0 47.1	45.3 47.4	45.4 47.5	45.4 47.5	45.4 47.5
IV ≥ 10000 IV ≥ 9000	46.2 48.4	48.5 50.8	48.7 50.9	48.7 50.9	48.7 50.9	48.8 51.0	48.9 51.1	49.0 51.2	49.0 51.2	49.0 51.2	49.1 51.3	49.2 51.5	49.5 51.7	49.6 51.8	49.6 51.8	49.6 51.8
IV ≥ 8000 IV ≥ 7000	51.8 55.9	54.3 58.3	54.4 58.5	54.4 58.5	54.4 58.5	54.5 58.6	54.6 58.7	54.7 58.8	54.7 58.8	54.7 58.8	54.8 58.9	55.0 59.0	55.2 59.3	55.3 59.4	55.3 59.4	55.3 59.4
IV ≥ 6000 IV ≥ 5000	59.9 65.3	62.5 68.6	62.7 68.7	62.7 68.7	62.7 68.7	62.8 68.8	62.9 69.0	63.0 69.1	63.0 69.1	63.0 69.1	63.1 69.2	63.4 69.4	63.6 69.7	63.7 69.8	63.7 69.8	63.7 69.8
IV ≥ 4500 IV ≥ 4000	67.9 70.4	71.6 75.3	71.8 75.4	71.8 75.4	71.8 75.4	71.9 75.5	72.0 75.6	72.1 75.7	72.1 75.7	72.1 75.7	72.2 75.8	72.5 76.1	72.7 76.3	72.8 76.4	72.8 76.4	72.8 76.4
IV ≥ 3500 IV ≥ 3000	71.1 72.7	77.0 80.0	77.4 80.7	77.5 80.9	77.5 80.9	77.6 81.0	77.7 81.1	77.8 81.2	77.8 81.2	77.8 81.2	77.9 81.3	78.1 81.6	78.5 81.9	78.6 82.0	78.8 82.1	78.8 82.1
IV ≥ 2500 IV ≥ 2000	74.0 74.2	81.9 83.5	82.7 85.1	82.8 85.2	83.1 85.4	83.2 85.5	83.4 85.9	83.7 86.1	83.7 86.1	83.7 86.1	83.8 86.2	84.0 86.5	84.4 86.8	84.5 86.9	84.6 87.0	84.6 87.0
IV ≥ 1800 IV ≥ 1500	74.4 75.0	83.8 84.6	85.3 86.2	85.4 86.7	85.8 87.0	85.9 87.2	86.2 87.5	86.5 88.0	86.5 88.0	86.5 88.0	86.6 88.1	86.8 88.3	87.2 88.7	87.3 88.8	87.4 88.9	87.4 88.9
IV ≥ 1200 IV ≥ 1000	75.2 75.6	85.8 86.5	87.5 88.2	88.0 88.7	88.3 89.0	88.4 89.1	88.8 89.5	89.3 90.0	89.3 90.0	89.3 90.0	89.4 90.1	89.6 90.3	90.0 90.7	90.1 90.8	90.2 90.9	90.2 90.9
IV ≥ 900 IV ≥ 800	75.8 75.8	86.8 86.9	88.8 88.9	89.3 89.6	89.7 90.1	89.8 90.3	90.2 90.7	90.7 91.1	90.7 91.1	90.7 91.1	90.8 91.2	91.0 91.5	91.4 91.8	91.5 91.9	91.6 92.1	91.6 92.1
IV ≥ 700 IV ≥ 600	76.0 76.1	87.2 87.4	89.1 89.5	89.8 90.2	90.3 90.7	90.7 91.0	91.0 91.4	91.5 91.8	91.5 91.8	91.5 92.2	91.6 92.3	91.8 92.5	92.2 92.9	92.3 93.0	92.4 93.1	92.4 93.1
IV ≥ 500 IV ≥ 400	76.3 76.4	88.2 88.9	90.3 91.4	91.1 92.3	91.8 93.0	92.5 93.8	93.1 94.4	93.7 95.2	93.7 95.2	94.0 95.6	94.2 95.8	94.4 96.0	94.9 96.6	95.0 96.7	95.2 97.1	95.2 97.2
IV ≥ 300 IV ≥ 200	76.5 76.7	89.3 89.6	91.9 92.4	92.9 93.3	93.8 94.4	94.7 95.4	95.3 96.0	96.1 97.1	96.1 97.1	96.5 97.4	96.7 97.7	97.1 98.0	97.7 98.6	97.8 98.7	98.2 99.2	98.4 99.6
IV ≥ 100 IV ≥ 0	76.7 76.7	89.6 89.6	92.4 92.4	93.3 93.3	94.4 94.4	95.4 95.4	96.0 96.0	97.1 97.1	97.1 97.1	97.5 97.5	97.9 97.9	98.2 98.2	98.8 98.8	99.1 99.1	99.5 99.5	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

857

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 26401 ELMENDORF AFB ALASKA/ANCHORAGE

YEARS 56-75

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	≥0
NO CEILING	35.1	37.2	37.3	37.5	37.6	37.6	37.6	37.9	38.0	38.0	38.7	39.7	39.3	39.4	39.7	40.0
≥ 20000	37.1	39.3	39.4	39.6	39.7	39.7	39.7	40.0	40.1	40.1	40.8	41.1	41.4	41.5	41.8	42.1
≥ 18000	37.2	39.4	39.5	39.7	39.9	39.9	39.9	40.1	40.2	40.2	40.9	41.3	41.5	41.6	42.0	42.2
≥ 16000	37.3	39.5	39.6	39.9	40.0	40.0	40.0	40.2	40.3	40.3	41.0	41.4	41.6	41.7	42.1	42.3
≥ 14000	37.5	39.7	39.9	40.1	40.2	40.2	40.2	40.4	40.6	40.6	41.3	41.6	41.8	42.0	42.3	42.5
≥ 12000	40.2	42.4	42.5	42.3	42.9	42.9	42.9	43.1	43.2	43.2	43.9	44.3	44.5	44.6	45.0	45.2
≥ 10000	43.9	46.2	46.3	46.5	46.6	46.6	46.6	46.9	47.0	47.0	47.7	48.0	48.3	48.4	48.7	49.0
≥ 9000	46.9	49.2	49.3	49.5	49.7	49.7	49.7	49.9	50.0	50.0	50.7	51.0	51.1	51.4	51.7	52.0
≥ 8000	50.7	53.3	53.4	53.6	53.7	53.7	53.7	54.0	54.1	54.1	54.8	55.1	55.4	55.5	55.8	56.1
≥ 7000	53.6	56.3	56.4	56.6	56.8	56.8	56.8	57.0	57.1	57.1	57.8	58.2	58.4	58.5	58.9	59.1
≥ 6000	58.6	61.4	61.7	61.9	62.0	62.0	62.1	62.4	62.5	62.5	63.2	63.5	63.6	63.9	64.2	64.5
≥ 5000	64.8	68.4	68.6	68.9	69.0	69.0	69.1	69.3	69.5	69.5	70.2	70.5	70.7	70.9	71.2	71.4
≥ 4500	67.0	71.7	71.9	72.1	72.3	72.3	72.4	72.6	72.7	72.7	73.4	73.8	74.0	74.1	74.5	74.7
≥ 4000	69.7	75.2	75.4	75.6	75.8	75.8	75.9	76.1	76.2	76.2	76.9	77.3	77.5	77.6	78.0	78.2
≥ 3500	71.2	77.5	77.7	78.0	78.1	78.1	78.2	78.4	78.6	78.6	79.3	79.6	79.8	80.0	80.3	80.5
≥ 3000	72.1	79.7	80.0	80.2	80.4	80.4	80.5	80.8	80.9	80.9	81.6	81.9	82.2	82.3	82.6	82.9
≥ 2500	73.2	81.6	82.2	82.4	82.6	82.6	82.8	83.0	83.1	83.1	83.8	84.1	84.4	84.5	84.8	85.1
≥ 2000	74.0	83.3	84.4	84.6	85.3	85.3	85.4	85.7	85.8	85.8	86.5	86.8	87.1	87.2	87.5	87.8
≥ 1800	74.1	83.7	84.7	85.0	85.7	85.7	85.9	86.1	86.2	86.2	86.9	87.3	87.5	87.6	88.0	88.2
≥ 1500	74.7	84.5	85.8	86.0	86.7	86.7	86.9	87.2	87.4	87.4	88.1	88.5	88.7	88.8	89.2	89.4
≥ 1200	75.2	85.3	86.0	86.8	87.5	87.6	87.9	88.1	88.3	88.3	89.0	89.4	89.6	89.7	90.1	90.3
≥ 1000	75.8	86.0	87.5	87.8	88.6	88.7	88.9	89.2	89.4	89.4	90.1	90.4	90.7	90.8	91.1	91.4
≥ 900	76.0	86.4	88.0	88.2	89.0	89.2	89.4	89.6	89.9	89.9	90.6	90.9	91.1	91.3	91.6	91.8
≥ 800	76.2	86.6	88.3	88.6	89.4	89.5	89.7	90.0	90.2	90.2	90.9	91.3	91.5	91.6	92.0	92.2
≥ 700	76.2	87.2	89.3	89.6	90.7	90.9	91.4	91.6	91.8	91.8	92.5	92.9	93.1	93.2	93.6	93.8
≥ 600	76.2	87.2	89.4	89.7	90.8	91.0	91.5	91.7	92.0	92.0	92.7	93.0	93.2	93.4	93.7	93.9
≥ 500	76.2	87.9	90.2	90.6	91.7	92.0	92.4	92.7	93.1	93.2	94.1	94.4	94.6	94.8	95.1	95.3
≥ 400	76.2	88.2	90.6	90.9	92.1	92.4	92.9	93.4	93.6	94.1	94.9	95.2	95.7	95.8	96.3	96.6
≥ 300	76.3	88.5	90.9	91.4	92.7	93.1	93.6	94.2	94.4	94.9	95.7	96.3	96.7	96.9	97.3	97.7
≥ 200	76.3	88.5	90.9	91.5	92.9	93.4	93.8	94.8	95.1	95.7	96.5	97.2	97.8	98.1	98.7	99.1
≥ 100	76.3	88.5	90.9	91.5	92.9	93.4	93.9	94.9	95.2	95.8	96.7	97.4	98.0	98.4	99.2	99.9
≥ 0	76.3	88.5	90.9	91.5	92.9	93.4	93.9	94.9	95.2	95.8	96.7	97.4	98.0	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

858

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

56-71,73-75
YEAR

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING ≥ 20000	31.8 32.6	36.3 37.5	36.5 37.7	37.2 38.4	37.5 38.7	37.5 38.7	37.8 39.1	38.3 39.5	38.4 39.7	38.7 39.9	39.2 40.4	39.5 40.8	40.4 41.6	40.6 41.8	40.8 42.0	41.0
≥ 18000 IV 16000	33.3 33.9	38.2 38.8	38.4 39.1	39.2 39.8	39.4 40.0	39.4 40.0	39.8 40.4	40.3 40.9	40.4 41.0	40.6 41.2	41.1 41.7	41.5 42.1	42.5 43.1	42.7 43.3	42.8 43.4	43.1
IV 14000 IV 12000	34.7 36.9	39.5 41.8	39.8 42.1	40.5 42.8	40.8 43.1	40.8 43.1	41.1 43.4	41.6 43.9	41.7 44.0	42.0 44.3	42.5 44.8	42.8 45.1	43.8 46.1	44.0 46.4	44.2 46.5	44.4
IV 10000 IV 9000	38.2 39.9	43.3 45.0	43.6 45.3	44.3 46.0	44.5 46.2	44.5 46.2	44.9 46.6	45.4 47.1	45.5 47.2	45.7 47.4	46.2 47.9	46.6 48.3	47.6 49.3	47.8 49.5	47.9 49.6	48.2
IV 8000 IV 7000	42.0 44.2	47.2 50.5	47.4 50.7	48.2 51.5	48.4 51.7	48.4 51.7	48.8 52.1	49.3 52.6	49.4 52.7	49.6 52.9	50.1 53.4	50.5 53.9	51.5 54.7	51.7 55.0	51.8 55.1	52.1
IV 6000 IV 5000	46.1 50.5	52.6 58.4	52.8 58.6	53.5 59.4	53.9 59.7	53.9 59.7	54.3 60.1	54.7 60.6	54.9 60.7	55.1 60.9	55.5 61.6	56.7 61.9	56.9 62.9	57.2 63.1	57.3 63.3	57.5
IV 4500 IV 4000	54.0 57.7	63.3 67.6	63.9 68.4	64.6 69.1	65.0 69.5	65.0 69.5	65.5 70.0	65.9 70.4	66.1 70.6	66.3 70.8	66.9 71.4	67.3 71.8	68.2 72.7	68.5 73.0	68.6 73.1	68.9
IV 3500 IV 3000	59.2 60.6	70.3 73.1	71.0 73.8	71.9 74.7	72.3 75.1	72.3 75.1	72.7 75.5	73.2 76.0	73.4 76.2	73.6 76.4	74.2 77.0	74.6 77.4	75.5 78.3	75.8 78.6	75.9 78.7	76.2
IV 2500 IV 2000	61.8 62.7	75.2 76.8	76.0 77.7	77.1 79.1	77.7 79.9	77.7 79.9	78.3 80.7	78.8 81.5	79.1 81.8	79.3 82.0	79.9 82.6	80.3 83.0	81.3 83.9	81.5 84.2	81.6 84.3	81.9
IV 1800 IV 1500	62.9 64.0	77.1 78.6	78.2 80.3	79.6 82.0	80.7 83.3	80.7 83.3	81.4 84.5	82.2 85.5	82.5 86.0	82.7 86.3	83.3 86.9	83.7 87.2	84.7 88.2	84.9 88.4	85.0 88.6	85.3
IV 1200 IV 1000	64.0 64.0	79.1 79.2	81.0 81.1	82.8 83.0	84.2 84.3	84.5 84.7	85.4 85.5	86.4 86.5	86.9 87.0	87.2 87.3	87.8 88.0	88.2 88.3	89.2 89.3	89.4 89.5	89.5 89.7	89.8
IV 900 IV 800	64.0 64.0	79.2 79.2	81.1 81.3	83.0 83.3	84.3 84.8	84.7 85.2	85.5 86.0	86.5 87.0	87.0 87.5	87.5 88.0	88.1 88.6	88.4 88.9	89.4 89.9	89.7 90.1	89.8 90.3	90.0
IV 700 IV 600	64.1 64.2	79.6 79.8	81.8 82.0	83.8 84.2	85.4 86.0	85.8 86.6	86.7 87.6	87.7 88.7	88.2 89.2	88.7 89.7	89.4 90.5	89.8 90.9	90.8 91.8	91.0 92.1	91.1 92.2	91.4
IV 500 IV 400	64.5 64.8	80.4 81.3	82.7 83.7	84.9 85.9	87.1 88.3	88.0 89.3	89.1 90.6	90.6 91.2	91.1 92.7	91.6 93.2	92.7 94.3	93.2 94.8	94.2 95.9	94.5 96.2	94.6 96.4	94.9
IV 300 IV 200	64.8 64.8	81.4 81.4	83.9 84.1	86.1 86.4	89.1 89.3	90.0 90.3	91.5 91.8	93.3 93.8	93.8 94.4	94.4 95.0	95.6 96.5	96.4 97.2	97.4 98.4	97.8 98.9	97.9 99.1	98.2
IV 100 IV 0	64.8 64.8	81.4 81.4	84.1 84.1	86.4 86.4	89.3 89.3	90.3 90.3	91.8 91.8	93.8 93.8	94.4 94.4	95.1 95.1	96.6 96.6	97.3 97.3	98.7 98.7	99.1 99.1	99.5 99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

822

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71,73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS U.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	31.9	35.9	36.4	36.5	37.3	37.3	37.3	37.8	37.9	38.0	38.2	38.6	38.9	38.9	39.3	39.5
≥ 20000	32.8	36.8	37.3	37.4	38.1	38.1	38.1	38.6	38.7	38.9	39.1	39.5	39.7	39.7	40.2	40.3
≥ 18000	33.4	37.4	37.9	38.0	38.7	38.7	38.7	39.2	39.3	39.6	39.8	40.2	40.4	40.4	41.0	41.2
≥ 16000	33.7	37.8	38.2	38.4	39.1	39.1	39.1	39.6	39.7	40.0	40.2	40.6	40.8	40.8	41.4	41.5
≥ 14000	34.1	38.1	38.5	38.7	39.5	39.5	39.5	40.0	40.1	40.3	40.6	40.9	41.2	41.2	41.8	41.9
≥ 12000	36.3	40.3	40.8	40.9	41.7	41.7	41.7	42.1	42.3	42.5	42.8	43.1	43.4	43.4	44.0	44.1
≥ 10000	38.4	42.5	43.0	43.1	43.8	43.8	43.8	44.3	44.5	44.7	45.1	45.4	45.7	45.7	46.3	46.4
≥ 9000	40.3	44.5	44.9	45.1	45.8	45.8	45.8	46.3	46.4	46.7	47.0	47.4	47.6	47.6	48.2	48.4
≥ 8000	42.5	47.3	47.7	47.9	48.6	48.6	48.6	49.1	49.2	49.5	49.8	50.2	50.4	50.4	51.0	51.2
≥ 7000	45.7	51.3	51.8	51.9	52.7	52.7	52.7	53.2	53.3	53.6	54.0	54.3	54.6	54.6	55.2	55.3
≥ 6000	48.4	54.3	54.8	54.9	55.9	55.9	55.9	56.4	56.5	56.8	57.1	57.5	57.7	57.7	58.3	58.5
≥ 5000	53.2	60.4	60.7	61.0	62.0	62.0	62.0	62.5	62.6	62.9	63.2	63.7	63.9	63.9	64.7	64.8
≥ 4500	55.5	63.0	63.6	63.7	64.8	64.8	64.8	65.3	65.4	65.7	66.0	66.6	66.9	66.9	67.6	67.7
≥ 4000	57.9	67.1	67.8	68.1	69.2	69.2	69.2	69.7	69.8	70.0	70.4	71.0	71.3	71.3	72.0	72.1
≥ 3500	59.8	69.5	70.3	70.5	71.6	71.6	71.6	72.1	72.2	72.5	72.8	73.4	73.7	73.7	74.4	74.5
≥ 3000	62.2	72.8	73.6	74.1	75.2	75.2	75.4	75.9	76.0	76.2	76.6	77.2	77.5	77.5	78.2	78.3
≥ 2500	63.8	75.4	76.5	76.7	77.8	77.8	78.1	78.6	78.7	78.9	79.3	79.9	80.1	80.1	80.9	81.0
≥ 2000	64.9	77.8	79.8	80.1	81.4	81.4	81.7	82.2	82.3	82.6	82.9	83.4	83.8	83.8	84.5	84.7
≥ 1800	65.0	78.1	80.0	80.5	81.7	81.7	82.1	82.7	82.8	83.1	83.4	84.0	84.3	84.3	85.0	85.1
≥ 1500	65.4	79.5	82.2	82.8	84.5	84.7	85.3	86.0	86.2	86.5	86.8	87.5	87.7	87.7	88.4	88.6
≥ 1200	65.8	80.4	83.1	83.7	85.5	85.7	86.6	87.6	87.8	88.3	88.7	89.3	89.5	89.5	90.3	90.4
≥ 1000	65.8	80.5	83.2	83.8	85.7	86.1	87.1	88.1	88.3	88.9	89.3	89.9	90.1	90.1	90.9	91.0
≥ 900	65.8	80.6	83.3	83.9	85.9	86.2	87.2	88.2	88.4	89.2	89.5	90.1	90.4	90.4	91.1	91.2
≥ 800	65.8	80.8	83.6	84.2	86.2	86.6	87.9	89.0	89.3	90.0	90.4	91.0	91.2	91.2	92.0	92.1
≥ 700	65.8	81.0	83.9	84.5	86.6	87.0	88.4	89.5	89.8	90.5	90.9	91.5	91.7	91.7	92.4	92.6
≥ 600	65.9	81.4	84.3	84.9	87.1	87.5	88.9	90.0	90.3	91.1	91.6	92.2	92.0	92.6	93.3	93.4
≥ 500	66.0	81.7	84.9	85.6	87.9	88.4	90.1	91.2	91.5	92.3	92.9	93.7	94.2	94.2	94.9	95.0
≥ 400	66.0	81.9	85.1	86.1	88.7	89.3	91.1	92.3	92.6	93.4	94.0	94.9	95.4	95.4	96.1	96.2
≥ 300	66.3	82.2	85.5	86.6	89.4	90.3	92.2	93.5	93.8	94.8	95.4	96.1	96.7	96.7	97.4	97.6
≥ 200	66.3	82.3	85.7	87.0	89.9	90.7	93.1	94.5	94.8	96.0	96.7	97.4	98.1	98.1	98.9	99.3
≥ 100	66.3	82.5	85.9	87.1	90.0	90.9	93.2	94.6	94.9	96.1	96.6	97.6	98.2	98.3	99.4	99.9
≥ 0	66.3	82.5	85.9	87.1	90.0	90.9	93.2	94.6	94.9	96.1	96.8	97.6	98.2	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

821

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MA

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71,73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5 16	≥ ¼	≥ 0
NO CEILING ≥ 20000	31.2 32.8	36.4 38.1	37.0 38.7	37.0 38.7	37.1 38.8	37.1 38.8	37.1 39.9	38.1 40.1	38.3 40.4	38.5 40.6	38.8 40.6	39.0 40.6	39.3 40.6	39.3 41.1	39.4 41.2	39.4 41.2
≥ 18000 IV 16000	34.1 34.5	39.3 39.8	39.9 40.4	39.9 40.4	40.0 40.5	40.0 40.5	40.1 41.6	41.1 41.8	41.3 42.1	41.6 42.3	41.8 42.3	41.9 42.3	42.1 42.3	42.1 42.8	42.3 42.9	42.4 42.9
≥ 14000 IV 12000	35.0 37.0	40.4 42.3	41.0 42.9	41.0 42.9	41.1 43.0	41.1 43.0	41.2 44.2	42.3 44.5	42.5 44.7	42.8 45.0	43.0 45.0	43.0 45.0	43.3 45.2	43.5 45.5	43.5 45.5	43.6 45.6
≥ 10000 IV 9000	39.8 41.0	45.1 46.3	45.7 46.9	45.7 46.9	45.8 47.0	45.8 47.0	45.9 47.2	47.0 48.2	47.3 48.5	47.5 48.7	47.6 49.0	47.8 49.0	48.0 49.2	48.2 49.5	48.4 49.6	48.4 49.6
≥ 8000 IV 7000	44.0 46.2	49.6 52.5	50.2 53.1	50.4 53.3	50.5 53.5	50.5 53.5	50.7 53.6	51.9 54.7	52.0 54.9	52.2 55.2	52.5 55.4	52.5 55.4	52.7 55.6	53.0 55.9	53.1 56.0	53.1 56.0
≥ 6000 IV 5000	49.7 56.0	56.8 64.7	57.5 64.7	57.7 65.0	57.8 65.1	57.8 65.1	57.9 65.2	59.0 66.3	59.3 66.5	59.5 66.8	59.8 67.0	59.9 67.0	60.0 67.0	60.2 67.5	60.4 67.6	60.4 67.6
≥ 4500 IV 4000	58.9 62.9	66.9 71.3	67.8 72.1	68.0 72.4	68.2 72.6	68.2 72.6	68.4 72.7	69.5 73.8	69.7 74.1	69.9 74.3	70.2 74.5	70.2 74.5	70.4 74.6	70.7 75.0	70.8 75.2	70.8 75.2
≥ 3500 IV 3000	64.4 66.2	73.1 75.8	74.2 77.1	74.4 77.3	74.7 77.7	74.7 77.7	74.8 77.8	75.9 79.0	76.1 79.3	76.4 79.5	76.6 79.8	76.6 79.8	76.8 80.0	77.1 80.2	77.2 80.4	77.2 80.4
≥ 2500 IV 2000	68.2 68.7	78.5 80.0	79.9 81.5	80.1 81.7	80.5 82.2	80.6 82.3	80.7 82.4	81.9 83.6	82.2 83.9	82.4 84.1	82.7 84.4	82.7 84.4	82.9 84.6	83.2 84.8	83.3 85.0	83.3 85.0
≥ 1800 IV 1500	69.0 69.5	80.2 81.1	81.7 82.9	81.9 83.9	82.5 85.1	82.7 85.2	82.8 85.3	84.1 86.7	84.4 87.0	84.6 87.3	84.8 87.5	84.9 87.5	85.1 87.8	85.3 88.0	85.5 88.1	85.5 88.1
≥ 1200 IV 1000	69.5 67.5	81.2 81.2	83.0 83.2	84.0 84.1	85.3 85.5	85.6 85.8	85.8 86.2	87.2 87.6	87.5 88.0	88.0 88.6	88.2 88.8	88.4 89.0	88.6 89.2	88.8 89.5	89.0 89.6	89.0 89.6
≥ 900 IV 800	69.5 69.5	81.3 81.6	83.3 83.6	84.4 84.7	85.7 86.3	86.1 86.8	86.4 87.3	87.9 88.8	88.2 89.2	88.8 89.8	89.1 90.1	89.2 90.2	89.5 90.4	89.7 90.7	89.8 90.8	89.8 90.8
≥ 700 IV 600	69.7 69.8	82.3 82.5	84.4 84.6	85.5 85.7	87.2 87.4	87.8 88.0	88.4 88.7	90.1 90.5	90.4 90.9	91.0 91.5	91.3 91.9	91.4 92.0	91.6 92.2	91.9 92.5	92.0 92.6	92.0 92.6
≥ 500 IV 400	69.8 69.9	82.7 83.2	84.8 85.5	86.2 86.8	88.1 88.7	89.0 89.6	89.9 90.9	91.9 92.8	92.2 93.2	92.8 93.9	93.3 94.5	93.6 94.8	93.9 95.2	94.2 95.4	94.3 95.5	94.3 95.5
≥ 300 IV 200	69.9 69.9	83.3 83.3	85.7 85.7	87.2 87.2	89.5 89.7	90.3 90.5	92.2 92.5	94.3 94.7	94.7 95.2	95.5 96.1	96.2 96.6	96.5 97.1	96.8 97.5	97.2 98.1	97.3 98.3	97.3 98.9
≥ 100 IV 0	69.9 69.9	83.3 83.3	85.8 85.8	87.3 87.3	89.8 89.8	90.7 90.7	92.6 92.6	95.0 95.0	95.5 95.5	96.5 96.5	97.2 97.3	97.6 97.7	98.1 98.2	98.8 98.9	99.2 99.3	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS

825

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

6-71, 72-72

JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	30.8	32.4	32.6	32.9	33.3	33.3	33.5	33.9	33.9	34.8	35.3	35.4	35.6	35.8	35.8	36.7
≥20000	33.3	35.1	35.3	35.6	35.9	35.9	36.2	36.5	36.5	37.5	38.1	38.1	38.5	38.5	38.5	39.3
≥18000	33.7	35.6	35.8	36.1	36.4	36.4	36.7	37.0	37.0	38.0	38.5	38.6	39.0	39.0	39.0	39.8
≥16000	34.5	36.3	36.5	36.8	37.1	37.1	37.4	37.8	37.8	38.7	39.2	39.2	39.7	39.7	39.7	40.6
≥14000	35.6	37.5	37.8	38.0	38.4	38.4	38.6	39.0	39.0	40.0	40.4	40.4	40.9	40.9	40.9	41.8
≥12000	37.1	39.1	39.3	39.6	40.0	40.0	40.2	40.6	40.6	41.5	42.0	42.1	42.5	42.5	42.5	43.4
≥10000	41.0	43.1	43.4	43.6	44.0	44.0	44.2	44.6	44.6	45.6	46.0	46.2	46.5	46.5	46.5	47.4
≥9000	43.0	45.1	45.4	45.7	46.0	46.0	46.3	46.7	46.7	47.6	48.1	48.2	48.6	48.6	48.6	49.5
≥8000	46.9	49.2	49.6	49.8	50.2	50.2	50.4	50.8	50.8	51.8	52.3	52.4	52.7	52.7	52.7	53.6
≥7000	52.5	54.9	55.4	55.7	56.0	56.0	56.3	56.7	56.7	57.7	58.2	58.3	58.7	58.7	58.7	59.6
≥6000	57.5	60.2	60.6	61.0	61.4	61.4	61.7	62.2	62.2	63.2	63.7	63.8	64.2	64.2	64.2	65.0
≥5000	64.6	68.0	68.7	68.9	69.4	69.4	69.7	70.2	70.2	71.2	71.7	71.8	72.2	72.2	72.2	73.2
≥4500	66.4	69.8	70.6	71.0	71.5	71.5	71.8	72.4	72.4	73.4	73.9	74.1	74.4	74.4	74.4	75.3
≥4000	69.3	73.1	73.9	74.3	74.8	74.8	75.1	75.6	75.6	76.7	77.2	77.3	77.7	77.7	77.7	78.6
≥3500	70.9	74.9	75.8	76.1	76.7	76.7	77.2	77.6	77.6	78.7	79.2	79.3	79.7	79.7	79.7	80.5
≥3000	72.4	77.2	78.1	78.6	79.3	79.3	79.8	80.3	80.3	81.4	81.9	82.0	82.4	82.4	82.4	83.3
≥2500	73.8	79.0	80.1	80.5	81.4	81.7	82.3	82.9	82.9	84.0	84.5	84.7	85.1	85.1	85.1	85.9
≥2000	74.4	80.1	81.4	82.1	83.3	83.8	84.5	85.4	85.4	86.5	87.0	87.1	87.5	87.5	87.5	88.3
≥1800	74.5	80.4	81.0	82.3	83.6	84.0	84.8	85.6	85.6	86.7	87.2	87.3	87.7	87.7	87.7	88.6
≥1500	74.9	81.1	82.6	83.3	84.7	85.1	85.9	86.7	86.7	87.8	88.3	88.4	88.8	88.8	88.8	89.6
≥1200	75.0	81.2	82.7	83.4	84.8	85.4	86.1	87.2	87.2	88.3	88.8	88.9	89.3	89.3	89.3	90.1
≥1000	75.2	81.5	83.2	84.0	85.4	86.0	86.8	88.1	88.2	89.3	90.4	90.5	90.9	90.9	90.9	91.7
≥900	75.2	81.7	83.3	84.2	85.5	86.1	87.1	88.3	88.4	90.0	90.5	90.7	91.1	91.1	91.1	92.1
≥800	75.3	82.0	83.0	84.4	85.7	86.4	87.3	88.8	88.9	90.4	91.2	91.4	91.7	91.7	91.7	92.7
≥700	75.4	82.3	83.9	84.8	86.1	86.7	87.7	89.4	89.5	91.4	92.0	92.1	92.4	92.4	92.4	93.4
≥600	75.9	83.1	84.8	85.6	87.0	87.7	88.7	90.4	90.5	92.6	93.4	93.6	94.0	94.0	94.0	95.0
≥500	76.0	83.2	84.9	85.7	87.2	87.9	89.0	90.9	91.0	93.2	94.0	94.2	94.6	94.6	94.6	95.6
≥400	76.0	83.3	85.1	86.0	87.6	88.6	89.6	91.5	91.6	94.0	94.8	95.0	95.7	95.7	95.7	96.7
≥300	76.0	83.4	85.4	86.4	88.1	89.0	90.4	92.2	92.7	95.2	96.1	96.2	97.1	97.1	97.1	98.3
≥200	76.0	83.5	85.5	86.6	88.3	89.3	90.6	92.4	92.9	95.5	96.3	96.4	97.0	97.0	97.0	98.6
≥100	76.0	83.6	85.5	86.6	88.3	89.3	90.6	92.4	92.9	95.5	96.3	96.4	97.0	97.0	97.0	98.6
≥0	76.0	83.6	85.5	86.6	88.3	89.3	90.6	92.4	92.9	95.5	96.3	96.4	97.0	97.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

821

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401 ELI-HENDON AFB ALASKA/ANCHORAGE

68-71, 73-75

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	30.0	31.2	31.5	31.6	32.2	32.3	32.3	33.2	33.3	33.3	33.4	34.1	34.0	34.9	35.4	36.2
≥ 20000	31.6	32.9	33.2	33.3	33.9	34.0	34.0	34.7	35.0	35.0	35.6	35.9	36.3	36.6	37.2	38.0
≥ 18000	32.1	33.4	33.7	33.8	34.4	34.5	34.5	35.1	35.5	35.5	36.2	36.5	37.0	37.2	37.8	38.8
≥ 16000	32.6	33.9	34.1	34.3	34.9	35.0	35.0	35.4	36.0	36.0	36.7	37.2	37.4	37.7	38.3	39.3
≥ 14000	34.1	35.5	35.7	35.9	36.5	36.6	36.6	37.4	37.6	37.6	38.3	38.5	39.0	39.3	39.9	40.9
≥ 12000	37.3	38.8	39.0	39.1	39.8	39.9	39.9	40.7	40.9	40.9	41.5	41.8	42.3	42.6	43.2	44.1
≥ 10000	40.0	41.7	42.0	42.1	42.7	42.8	42.8	43.7	43.9	43.8	44.5	44.8	45.2	45.5	46.1	47.1
≥ 9000	41.0	42.7	42.9	43.0	43.7	43.8	43.8	44.6	44.9	44.8	45.5	45.7	46.2	46.5	47.1	48.0
≥ 8000	45.1	47.1	47.3	47.4	48.0	48.2	48.2	49.0	49.1	49.1	49.9	50.1	50.6	50.9	51.5	52.4
≥ 7000	50.7	52.9	53.2	53.3	53.9	54.0	54.0	54.9	55.0	55.0	55.7	56.2	56.5	56.7	57.3	58.3
≥ 6000	54.6	57.0	57.2	57.3	57.9	58.0	58.0	58.9	59.0	59.0	59.8	60.0	60.5	60.7	61.3	62.3
≥ 5000	62.1	65.1	65.4	65.5	66.1	66.2	66.2	67.1	67.2	67.2	67.9	68.2	68.8	69.0	69.6	70.6
≥ 4500	65.2	68.4	68.8	69.1	69.8	69.9	69.9	70.7	70.9	70.9	71.5	71.8	72.4	72.7	73.3	74.3
≥ 4000	68.4	71.8	72.4	72.8	73.5	73.8	73.8	74.6	74.8	74.8	75.5	75.7	76.3	76.6	77.2	78.2
≥ 3500	70.9	74.6	75.2	75.6	76.5	76.7	76.7	77.8	77.9	77.9	78.7	78.9	79.5	79.8	80.4	81.3
≥ 3000	72.9	77.2	77.9	78.3	79.3	79.5	79.5	80.7	80.9	80.9	81.6	81.8	82.4	82.7	83.3	84.3
≥ 2500	74.3	78.7	79.4	79.8	80.9	81.1	81.2	82.4	82.6	82.6	83.3	83.5	84.1	84.4	85.0	86.0
≥ 2000	75.6	80.9	81.6	82.1	83.4	83.7	83.8	85.2	85.4	85.4	86.1	86.3	87.0	87.2	87.8	88.8
≥ 1800	75.9	81.1	81.8	82.3	83.7	83.9	84.0	85.5	85.7	85.7	86.5	86.7	87.3	87.6	88.2	89.1
≥ 1600	76.0	81.3	82.2	82.8	84.3	84.5	84.9	86.3	86.6	86.6	87.4	87.7	88.3	88.5	89.1	90.1
≥ 1400	76.0	81.5	82.3	82.9	84.4	84.9	85.2	87.0	87.3	87.6	88.3	88.5	89.1	89.4	90.0	91.0
≥ 1200	76.0	81.5	82.4	83.0	84.6	85.1	85.6	87.4	87.8	88.3	89.0	89.2	90.0	90.2	91.0	92.6
≥ 1000	76.2	82.2	83.0	83.7	85.2	85.7	86.3	88.2	88.5	89.0	90.4	90.6	91.2	91.6	92.2	93.3
≥ 900	76.2	82.4	83.3	83.9	85.5	86.0	86.7	88.5	88.9	89.5	90.9	91.1	91.7	92.1	92.7	93.8
≥ 800	76.6	82.9	83.8	84.4	86.0	86.6	87.3	89.1	89.5	90.1	91.5	91.7	92.3	92.7	93.3	94.4
≥ 700	77.6	84.0	84.9	85.6	87.2	87.8	88.5	90.4	90.7	91.5	92.9	93.2	93.9	94.3	94.9	96.0
≥ 600	77.7	84.1	85.0	85.9	87.4	88.2	89.0	90.9	91.2	92.0	93.5	93.8	94.6	95.0	95.6	96.7
≥ 500	77.8	84.5	85.5	86.3	88.2	88.9	89.8	91.6	92.0	92.7	94.4	94.6	95.5	95.9	96.5	97.6
≥ 400	77.8	84.6	85.6	86.5	88.3	89.0	89.9	91.8	92.2	92.9	94.9	95.1	96.3	96.7	97.3	98.5
≥ 300	77.8	84.6	85.6	86.5	88.3	89.0	90.0	92.0	92.3	93.0	95.2	95.6	96.8	97.2	97.9	99.4
≥ 200	77.8	84.6	85.6	86.5	88.3	89.0	90.0	92.0	92.3	93.0	95.2	95.6	96.8	97.2	97.9	99.4
≥ 100	77.8	84.6	85.6	86.5	88.3	89.0	90.0	92.0	92.3	93.0	95.2	95.6	96.8	97.2	97.9	99.4
≥ 0	77.8	84.6	85.6	86.5	88.3	89.0	90.0	92.0	92.3	93.0	95.2	95.6	96.8	97.2	97.9	99.4

TOTAL NUMBER OF OBSERVATIONS 520

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS UST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ .	≥ 0
NO CEILING	33.1	35.0	35.0	35.2	35.3	35.5	35.9	36.7	37.1	37.5	38.4	38.7	39.0	39.3	39.5	39.5
≥ 20000	35.3	37.2	37.2	37.3	37.5	37.7	38.1	38.9	39.3	39.6	40.4	40.8	40.8	41.2	41.5	41.7
≥ 18000	35.3	37.2	37.2	37.3	37.5	37.7	38.1	38.9	39.3	39.6	40.4	40.8	40.8	41.2	41.5	41.7
IV 16000	35.3	37.2	37.2	37.3	37.5	37.7	38.1	38.9	39.3	39.6	40.4	40.8	40.8	41.2	41.5	41.7
≥ 14000	35.3	37.2	37.2	37.3	37.5	37.7	38.1	38.9	39.3	39.6	40.4	40.8	40.8	41.2	41.5	41.7
IV 12000	36.5	38.4	38.4	38.5	38.7	38.9	39.3	40.1	40.5	40.8	41.6	41.7	42.1	42.4	42.7	42.9
≥ 10000	39.3	41.6	41.6	41.7	41.8	42.1	42.4	43.3	43.6	44.0	44.7	44.8	45.2	45.6	45.8	46.1
IV 9000	41.8	44.1	44.1	44.2	44.4	44.6	45.0	45.8	46.2	46.5	47.2	47.4	47.8	48.1	48.4	48.6
≥ 8000	46.3	48.0	48.5	48.7	48.8	49.1	49.5	50.3	50.7	51.0	51.5	51.9	52.2	52.6	52.8	53.1
IV 7000	50.9	53.5	53.5	53.6	53.7	53.9	54.3	55.2	55.5	55.9	56.0	56.7	57.1	57.5	57.7	57.9
≥ 6000	53.1	56.1	56.1	56.2	56.4	56.5	57.0	57.8	58.2	58.5	59.3	59.4	59.8	60.1	60.4	60.6
IV 5000	59.4	63.4	63.4	63.5	63.6	63.9	64.2	65.1	65.5	65.8	66.2	66.7	67.1	67.4	67.6	67.9
≥ 4500	61.6	65.9	65.9	65.9	66.1	66.3	66.7	67.5	67.9	68.2	69.0	69.1	69.5	69.8	70.1	71.3
IV 4000	64.7	69.7	70.1	70.2	70.3	70.5	71.0	71.9	72.2	72.6	73.3	73.5	73.8	74.2	74.4	74.7
≥ 3500	66.8	73.2	73.8	73.9	74.1	74.3	74.8	75.6	76.0	76.4	77.1	77.2	77.6	77.9	78.2	78.4
IV 3000	68.5	75.5	76.2	76.4	76.5	76.7	77.2	78.1	78.4	78.8	79.2	79.6	80.0	80.4	80.6	80.8
≥ 2500	69.3	76.3	77.7	77.9	78.1	78.3	78.8	79.6	80.0	80.4	81.1	81.2	81.6	81.9	82.2	82.4
IV 2000	70.2	78.3	79.3	79.6	80.0	80.5	81.0	81.9	82.4	82.8	83.5	83.6	84.0	84.4	84.6	84.8
≥ 1800	70.5	78.8	79.9	80.2	80.7	81.2	81.8	82.8	83.3	83.6	84.4	84.5	84.8	85.2	85.5	85.7
IV 1500	70.8	79.4	80.6	81.1	81.7	82.3	82.9	84.1	84.7	85.1	85.8	85.9	86.3	86.7	86.9	87.2
≥ 1200	71.3	80.0	81.6	82.1	82.8	83.5	84.2	85.5	86.2	86.5	87.4	87.5	87.7	88.2	88.5	88.7
IV 1000	71.3	80.2	82.1	82.5	83.4	84.1	85.1	86.3	87.2	87.9	88.8	89.0	89.3	89.7	89.9	90.2
≥ 900	71.5	81.0	82.8	83.3	84.1	85.0	85.9	87.2	88.0	88.7	89.7	89.8	90.2	90.5	90.8	91.0
IV 800	71.5	81.1	82.9	83.4	84.2	85.1	86.2	87.5	88.4	89.2	90.4	90.5	90.8	91.3	91.5	91.8
≥ 700	71.6	81.2	83.0	83.5	84.4	85.3	86.4	87.7	88.7	89.6	90.8	90.9	91.4	91.8	92.0	92.2
IV 600	71.9	81.6	83.4	84.0	84.8	85.8	87.0	88.7	89.6	90.4	91.9	92.0	92.6	93.0	93.2	93.5
≥ 500	72.6	82.9	84.7	85.5	86.3	87.4	88.6	90.3	91.2	92.4	93.8	93.9	94.7	95.0	95.3	95.5
IV 400	72.7	83.4	85.2	86.2	87.3	88.5	89.8	91.9	92.8	94.1	95.6	95.7	96.4	97.2	97.5	97.8
≥ 300	72.7	83.6	85.5	86.4	87.6	88.8	90.3	92.5	93.5	94.7	96.2	96.4	97.5	97.8	98.2	98.7
IV 200	72.7	83.8	85.6	86.5	87.8	89.0	90.5	92.8	93.8	95.2	96.8	97.0	98.2	98.7	99.0	99.5
≥ 100	72.7	83.8	85.6	86.5	87.8	89.0	90.5	92.8	93.8	95.2	96.8	97.0	98.2	98.8	99.2	100.0
IV 0	72.7	83.8	85.6	86.5	87.8	89.0	90.5	92.8	93.8	95.2	96.8	97.0	98.2	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

365

USAF ETAC

FORM
JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/14C

CEILING VERSUS VISIBILITY

26461

ELMENDORF AFB ALASKA/ANCHORAGE

66-71, 73-75

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	27.6	31.3	32.3	32.4	32.7	33.0	33.4	34.1	34.3	34.6	35.1	35.1	35.0	36.1	36.9	37.1
≥ 18000	29.0	33.0	34.0	34.1	34.4	34.8	35.1	35.8	36.0	36.3	36.8	37.5	37.8	38.6	38.8	
IV 16000	29.4	33.4	34.4	34.5	34.8	35.1	35.5	36.2	36.3	36.7	37.2	37.7	37.9	38.2	39.0	39.1
IV 14000	29.5	33.5	34.5	34.6	34.9	35.2	35.6	36.3	36.5	36.8	37.3	37.7	38.0	38.3	39.1	39.2
IV 12000	30.1	34.1	35.1	35.2	35.5	35.8	36.2	36.9	37.1	37.4	37.9	37.9	38.0	38.9	39.7	39.9
IV 10000	31.1	35.2	36.2	36.3	36.6	36.9	37.3	38.0	38.2	38.5	39.0	39.0	39.7	40.0	40.8	40.9
IV 9000	32.9	37.1	38.0	38.2	38.4	38.8	39.1	39.9	40.0	40.3	40.5	40.8	41.0	41.8	42.6	42.8
IV 8000	34.1	38.5	39.5	39.6	39.9	40.2	40.6	41.3	41.4	41.8	42.3	42.3	43.0	43.3	44.1	44.2
IV 7000	38.2	42.6	43.6	43.7	44.0	44.3	44.7	45.4	45.6	45.9	46.4	46.4	47.1	47.4	48.2	48.4
IV 6000	43.6	48.5	49.5	49.6	49.8	50.2	50.5	51.3	51.4	51.8	52.2	52.2	53.0	53.2	54.1	54.2
IV 5000	45.9	51.0	52.0	52.1	52.4	52.7	53.1	53.8	53.9	54.3	54.8	54.8	55.5	55.8	56.5	56.7
IV 4500	53.2	60.4	61.4	61.6	61.8	62.2	62.6	63.3	63.4	63.8	64.3	64.3	65.0	65.2	66.1	66.2
IV 4000	55.9	63.2	64.3	64.5	64.8	65.1	65.5	66.2	66.3	66.7	67.2	67.2	67.9	68.2	69.0	69.1
IV 3500	59.1	69.1	70.2	70.6	70.8	71.2	71.6	72.3	72.4	73.0	73.5	73.5	74.2	74.5	75.3	75.5
IV 3000	60.4	71.6	72.7	73.0	73.3	73.6	74.0	74.7	74.8	75.5	75.9	75.9	76.7	76.9	77.8	77.9
IV 2500	61.1	72.8	73.9	74.2	74.5	74.8	75.2	75.9	76.1	76.7	77.2	77.2	77.9	78.1	79.0	79.1
IV 2000	62.6	75.2	76.4	76.8	77.0	77.4	77.8	78.5	78.6	79.2	79.7	79.7	80.4	80.7	81.5	81.7
IV 1800	63.7	77.8	79.1	79.6	80.3	80.8	81.3	82.0	82.1	82.7	83.2	83.2	84.0	84.2	85.1	85.2
IV 1500	63.9	78.3	79.6	80.1	80.9	81.4	81.9	82.6	82.7	83.4	83.8	83.8	84.6	84.8	85.7	85.8
IV 1200	64.2	79.3	81.1	81.7	82.9	83.4	83.8	84.6	84.7	85.3	85.8	85.8	86.5	86.8	87.6	87.7
IV 1000	64.5	80.0	81.8	82.4	83.6	84.1	84.7	85.7	85.8	86.4	86.9	86.9	87.6	87.8	88.7	88.8
IV 900	64.6	80.3	82.1	82.7	84.1	84.6	85.2	86.4	86.5	87.1	87.7	87.7	88.5	88.7	89.6	89.7
IV 800	64.6	80.6	82.4	83.0	84.3	84.9	85.5	86.8	86.9	87.5	88.1	88.1	88.8	89.1	89.9	90.0
IV 700	64.8	80.7	82.5	83.1	84.8	85.5	86.1	87.4	87.5	88.1	88.7	88.7	89.4	89.7	90.5	90.6
IV 600	65.2	81.5	83.4	84.0	85.8	86.6	87.2	88.5	88.6	89.2	89.8	89.8	90.5	90.8	91.6	91.7
IV 500	65.2	81.5	83.7	84.4	86.5	87.6	88.3	89.7	89.9	90.5	91.1	91.1	91.9	92.1	93.0	93.1
IV 400	65.5	82.5	84.8	85.5	87.6	88.8	89.7	91.1	91.4	92.0	92.8	93.0	93.7	93.9	94.8	95.0
IV 300	65.5	82.7	85.3	86.0	88.1	89.4	90.5	92.1	92.3	93.0	93.6	93.9	94.7	94.9	95.7	96.0
IV 200	65.5	82.7	85.3	86.1	88.6	90.0	91.3	93.1	93.6	94.3	95.3	95.4	96.4	96.7	97.6	97.8
IV 100	65.5	82.9	85.7	86.5	89.1	90.5	91.7	93.6	94.0	95.0	96.0	96.1	97.1	97.7	98.9	99.1
IV 0	65.5	82.9	85.7	86.5	89.1	90.5	91.7	93.6	94.0	95.0	96.0	96.1	97.3	98.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

823

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-71, 72-75
YEARS

LFC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2103-2300
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5-16	≥ ¼	≥ 0
NO CEILING ≥ 20000	28.0	32.7	33.5	33.9	34.4	34.8	35.0	35.6	36.0	36.4	36.7	37.0	37.1	37.2	37.7	38.0
≥ 18000	29.0	34.3	35.0	35.5	36.0	36.4	36.6	37.2	37.6	38.0	38.3	38.6	38.7	38.8	39.3	39.5
≥ 16000	29.4	34.8	35.5	36.0	36.5	36.9	37.1	37.7	38.1	38.4	38.8	39.1	39.2	39.3	39.8	40.0
≥ 14000	29.8	35.2	35.9	36.4	36.9	37.2	37.5	38.1	38.4	38.8	39.2	39.4	39.5	39.7	40.1	40.4
≥ 12000	31.6	37.1	37.8	38.3	38.8	39.2	39.4	40.0	40.4	40.8	41.1	41.4	41.5	41.6	42.1	42.3
≥ 10000	34.2	39.7	40.4	40.9	41.4	41.7	42.0	42.6	42.9	43.3	43.7	43.9	44.0	44.2	44.6	44.9
≥ 9000	35.9	41.5	42.2	42.7	43.2	43.6	43.8	44.4	44.8	45.1	45.5	45.7	45.9	46.0	46.5	46.7
≥ 8000	39.3	44.9	45.6	46.1	46.6	47.0	47.2	47.8	48.2	48.5	48.9	49.1	49.3	49.4	49.9	50.1
≥ 7000	42.9	49.3	50.0	50.5	51.0	51.3	51.6	52.2	52.6	52.9	53.3	53.4	53.6	53.8	54.3	54.5
≥ 6000	44.9	51.2	51.9	52.4	52.9	53.3	53.5	54.1	54.5	54.9	55.2	55.6	55.7	55.8	56.3	56.7
≥ 5000	50.2	57.3	58.6	59.1	59.6	60.0	60.2	60.8	61.2	61.6	61.9	62.3	62.4	62.5	63.0	63.4
≥ 4500	54.7	63.5	64.2	64.7	65.2	65.6	65.8	66.4	66.8	67.2	67.5	67.9	68.0	68.1	68.6	69.0
≥ 4000	57.7	67.9	68.7	69.3	69.8	70.2	70.4	71.2	71.5	71.9	72.3	72.4	72.7	72.9	73.4	73.7
≥ 3500	59.7	70.7	71.5	72.1	72.6	73.0	73.2	74.0	74.3	74.7	75.1	75.4	75.5	75.7	76.2	76.5
≥ 3000	60.9	72.4	73.1	74.1	74.9	75.3	75.5	76.3	76.6	77.0	77.4	77.7	77.9	78.0	78.5	78.8
≥ 2500	62.7	75.4	76.5	77.3	78.1	78.6	78.8	79.6	79.9	80.3	80.7	81.0	81.1	81.3	81.8	82.1
≥ 2000	64.1	78.2	79.8	80.9	82.0	82.5	82.5	84.2	84.5	84.9	85.3	85.4	85.8	85.9	86.4	86.7
≥ 1800	64.4	78.6	80.3	81.4	82.5	83.0	83.1	84.9	85.3	85.6	86.0	86.4	86.5	86.6	87.1	87.5
≥ 1500	64.6	79.0	81.5	82.6	83.7	84.2	84.2	86.4	86.7	87.1	87.5	87.9	88.0	88.1	88.6	88.9
≥ 1200	64.6	79.9	82.2	83.3	84.4	84.9	85.1	87.1	87.5	87.8	88.3	88.7	88.8	88.9	89.4	89.8
≥ 1000	64.7	80.3	82.6	83.7	84.9	85.4	85.6	87.6	88.0	88.3	88.8	89.2	89.3	89.4	89.9	90.3
≥ 900	64.7	80.4	82.7	83.8	85.0	85.5	85.7	87.7	88.1	88.4	88.9	89.3	89.4	89.5	90.0	90.4
≥ 800	64.7	80.4	82.7	83.8	85.0	85.5	85.9	87.8	88.2	88.6	89.2	89.5	89.7	89.8	90.3	90.6
≥ 700	65.3	81.1	83.5	84.5	85.8	86.4	86.7	88.7	89.1	89.4	90.0	90.4	90.5	90.6	91.1	91.5
≥ 600	65.3	81.5	83.8	84.9	86.4	87.0	87.4	89.4	89.9	90.3	91.0	91.4	91.5	91.6	92.1	92.5
≥ 500	65.5	82.0	84.3	85.5	87.0	87.6	88.2	89.9	90.6	91.0	91.7	92.2	92.5	92.6	93.1	93.4
≥ 400	65.6	82.4	84.8	86.1	87.6	88.2	88.9	91.5	92.0	92.6	93.4	93.9	94.3	94.5	95.1	95.5
≥ 300	65.9	82.7	85.3	86.9	88.9	89.5	91.2	92.9	93.4	94.0	95.0	95.5	96.0	96.5	97.3	97.7
≥ 200	65.9	82.7	85.5	87.1	89.2	89.9	91.8	93.6	94.0	94.9	96.0	96.5	97.2	97.8	98.7	99.1
≥ 100	65.9	82.7	85.5	87.1	89.2	89.9	91.8	93.6	94.0	95.1	96.4	96.8	97.6	98.2	99.5	100.0
≥ 0	65.9	82.7	85.5	87.1	89.2	89.9	91.8	93.6	94.0	95.1	96.4	96.8	97.6	98.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

822

SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-79

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	27.6	4.3	4.8	3.9	3.4	2.5	3.3	4.8	5.7	4.7	35.0	5.4	2968
FEB		10.6	1.7	3.3	3.4	2.9	2.0	2.5	5.1	5.6	4.6	58.6	1.6	2711
MAR		19.4	4.3	4.6	3.8	2.6	2.8	3.6	4.5	6.4	5.9	42.1	6.3	2973
APR		11.0	3.7	3.9	3.2	2.8	2.6	3.7	4.7	6.4	7.8	50.2	1.2	2879
MAY		8.9	4.4	5.3	4.2	3.0	3.0	3.9	5.8	8.6	7.9	45.0	7.1	2975
JUN		3.1	2.2	2.3	2.8	2.8	2.5	3.7	5.5	7.6	13.1	54.4	8.2	3599
JUL		3.9	3.2	3.4	3.5	3.4	3.0	3.3	4.6	6.1	8.3	57.4	8.0	3720
AUG		5.1	3.2	3.0	2.9	2.8	2.8	2.5	3.8	6.6	7.8	59.5	8.0	3720
SEP		12.0	3.3	3.9	3.9	3.4	3.3	3.3	4.1	4.8	7.5	50.6	7.1	3598
OCT		14.6	3.1	3.4	3.6	2.5	2.1	2.9	4.6	6.0	5.5	51.7	7.1	3716
NOV		14.6	2.5	3.5	4.0	2.8	2.4	3.0	4.4	6.0	5.5	51.3	7.1	3595
DEC		21.3	2.6	3.9	2.5	3.1	1.8	2.7	3.6	5.0	4.1	49.4	6.5	3712
TOTALS		12.7	3.2	3.8	3.5	3.0	2.6	3.2	4.6	6.2	6.9	50.4	7.1	40166

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-70

JAN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	27.8	4.9	6.2	3.8	2.2	2.4	3.5	4.3	3.2	4.3	37.3	5.4	370
	03-05	28.2	4.3	4.8	5.6	2.7	3.5	3.5	3.2	4.0	3.0	37.1	5.3	372
	06-08	28.6	6.2	4.6	3.2	3.0	2.2	3.2	4.3	4.9	4.3	34.6	5.2	370
	09-11	24.5	3.2	4.0	3.5	4.3	2.7	3.5	8.3	8.6	5.1	32.3	5.7	372
	12-14	22.6	4.3	5.4	3.2	3.5	3.0	2.7	6.5	6.2	8.9	33.9	5.8	372
	15-17	24.5	3.8	5.1	4.0	3.5	2.7	4.3	5.1	8.6	3.2	35.2	5.7	372
	18-20	31.4	4.9	4.3	4.3	4.3	1.1	3.5	3.0	5.1	3.8	34.3	5.1	370
	21-23	33.5	2.7	4.3	3.2	3.2	2.2	2.4	3.5	4.9	4.6	35.4	5.2	370
TOTALS		27.6	4.3	4.8	3.9	3.4	2.5	3.3	4.8	5.7	4.7	35.0	5.4	2968

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FORM
JUL 64

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-70

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	15.1	2.1	5.6	3.6	2.7	2.4	2.7	3.8	5.3	2.4	54.4	7.0	338
	03-05	16.5	2.4	2.7	3.8	3.5	1.5	3.8	3.5	4.1	3.2	54.9	7.0	339
	06-08	11.2	1.2	2.4	3.5	3.2	2.4	2.7	6.5	4.4	5.6	56.9	7.6	339
	09-11	7.7	1.2	4.1	3.5	2.4	1.2	2.9	5.6	5.0	7.4	59.0	7.9	339
	12-14	5.6	2.7	3.8	2.1	1.2	2.4	1.5	5.3	7.1	7.1	61.4	8.1	339
	15-17	6.5	1.2	3.5	2.7	2.4	.9	2.1	4.4	8.0	4.7	63.7	8.2	339
	18-20	9.4	1.5	1.5	3.8	4.7	2.7	2.7	4.4	6.5	4.4	58.4	7.7	339
	21-23	12.4	1.2	2.7	3.8	2.9	2.4	1.5	7.1	4.1	2.1	59.9	7.5	339
TOTALS		10.6	1.7	3.3	3.4	2.9	2.0	2.5	5.1	5.6	4.6	58.6	7.6	2711

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-70

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	30.1	4.6	2.4	4.0	1.9	2.7	2.4	3.0	4.0	3.5	40.9	5.5	372
	03-05	26.6	2.2	4.6	3.0	2.7	3.2	3.0	5.9	4.3	3.2	41.4	5.8	372
	06-08	15.6	4.0	5.1	3.2	2.2	3.5	4.3	3.0	6.2	7.5	45.3	6.7	371
	09-11	14.3	4.9	3.5	3.5	3.5	3.2	2.4	6.2	6.5	8.1	43.9	6.7	371
	12-14	14.2	4.0	4.3	3.2	2.4	2.7	2.7	5.6	8.6	6.2	46.0	6.9	372
	15-17	12.9	5.1	5.6	6.5	3.8	3.0	3.5	2.2	7.0	8.3	42.2	6.5	372
	18-20	17.0	5.1	5.7	5.1	1.9	1.3	5.4	5.9	7.0	5.4	40.2	6.3	371
	21-23	24.2	4.8	5.9	1.6	2.2	2.7	5.1	4.3	7.0	5.1	37.1	5.8	372
TOTALS		19.4	4.3	4.6	3.8	2.6	2.8	3.6	4.5	6.4	5.9	42.1	6.3	2973

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AIR WEATHER SERVICE/MAC

SKY COVER

26401

ELMENDORF AFB ALASKA/ANCHORAGE

67-70

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	18.9	3.6	4.7	1.7	3.1	2.5	4.2	5.0	3.9	6.1	46.4	6.5	360
	03-05	14.2	5.0	4.7	4.4	1.9	1.7	3.3	4.2	6.9	6.7	46.9	6.8	360
	06-08	12.3	3.1	3.1	3.6	2.5	1.7	3.3	4.2	8.6	9.2	48.5	7.2	359
	09-11	11.7	4.7	3.3	1.7	3.1	2.8	3.3	5.8	6.1	7.5	50.0	7.2	360
	12-14	7.2	4.2	4.2	3.9	3.1	2.2	2.5	3.9	7.5	8.6	52.8	7.6	360
	15-17	6.7	3.6	3.9	2.2	3.3	3.1	2.2	3.6	8.1	11.4	51.9	7.7	360
	18-20	7.8	2.2	2.5	3.6	1.9	3.9	6.1	6.7	6.1	6.7	52.5	7.6	360
	21-23	9.4	2.8	4.4	4.7	3.3	3.1	5.0	4.4	3.9	6.1	52.8	7.3	360
TOTALS		11.0	3.7	3.9	3.2	2.8	2.6	3.7	4.7	6.4	7.8	50.2	7.2	2879

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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SKY COVER

67-70

MAY

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	11.8	4.6	8.9	6.7	1.3	2.4	2.2	6.5	6.7	7.8	41.1	6.5	372
	03-05	8.1	4.6	6.2	3.5	3.2	3.2	3.8	4.8	8.3	6.2	48.1	7.2	372
	06-08	9.7	3.0	5.9	3.5	3.0	1.1	3.2	5.1	10.2	5.6	49.7	7.3	372
	09-11	9.7	4.0	4.8	3.2	1.3	2.4	4.0	5.9	8.6	7.8	48.1	7.3	372
	12-14	8.9	6.2	4.6	1.7	1.9	1.9	3.5	6.7	9.1	8.6	46.8	7.2	372
	15-17	7.5	5.7	4.6	3.2	3.8	2.4	4.6	4.3	9.2	8.6	46.1	7.2	371
	18-20	7.3	3.2	1.9	4.3	5.5	6.2	5.6	6.7	8.1	11.0	40.1	7.2	372
	21-23	8.3	3.5	5.6	7.5	3.5	4.3	4.0	6.5	8.9	7.8	40.1	6.8	372
TOTALS		8.9	4.4	5.3	4.2	3.0	3.0	3.9	5.8	8.6	7.9	45.0	7.1	2975

SKY COVER

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	4.0	3.3	2.2	2.0	2.2	2.0	1.6	3.3	5.1	11.1	63.1	8.4	450
	03-05	4.4	2.4	1.6	3.1	2.0	2.4	7.0	5.8	5.3	12.0	58.9	8.3	450
	06-08	2.4	2.2	2.4	2.4	2.0	2.4	4.0	4.7	9.8	11.6	56.0	8.3	450
	09-11	2.9	2.4	.9	2.0	2.7	2.2	4.9	7.6	8.5	11.4	54.6	8.3	449
	12-14	2.2	2.0	2.4	.7	1.3	4.0	5.3	6.0	11.6	14.9	49.6	8.3	450
	15-17	2.4	1.6	2.2	3.6	4.9	3.1	4.9	5.6	8.7	17.3	45.8	8.0	450
	18-20	2.7	1.6	3.3	5.6	3.1	2.4	3.3	6.0	7.8	15.1	48.7	8.0	450
	21-23	4.0	1.8	3.3	3.3	4.2	1.8	3.3	4.9	3.6	11.1	58.7	8.1	450
TOTALS		3.1	2.2	2.3	2.8	2.8	2.5	3.7	5.5	7.6	13.1	54.4	8.2	3599

SKY COVER

JUL

STATION

STATION NAME

PERIOD

MORTIMER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/4AC

SKY COVER

26401

ELMENDORF AFB ALASKA/ANCHORAGE

66-70

AUG

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	8.2	3.7	4.7	2.6	3.9	2.4	2.8	4.3	5.2	4.1	58.3	7.6	465
	03-05	6.7	2.6	3.7	2.8	2.8	1.3	2.8	3.9	5.6	7.1	61.1	8.0	465
	06-08	6.7	1.9	.9	2.6	3.0	3.0	1.7	2.8	5.2	8.4	62.9	8.2	465
	09-11	4.7	3.0	3.7	1.9	2.2	3.0	3.7	4.1	4.7	6.9	62.6	8.2	465
	12-14	3.0	3.0	3.2	3.2		4.3	3.0	4.1	8.8	8.0	57.8	8.1	465
	15-17	2.4	2.4	3.0	3.7	3.7	2.6	2.2	2.6	9.5	11.2	57.0	8.2	465
	18-20	3.4	3.9	1.9	3.7	3.2	3.7	1.7	5.2	5.8	9.5	58.1	8.1	465
	21-23	5.8	5.2	3.2	3.0	2.4	2.4	1.9	3.4	2	7.5	57.0	7.8	465
	TOTALS	5.1	3.2	3.0	2.9	2.8	2.8	2.5	3.8	6.6	7.8	59.5	8.0	3720

USAF/ETAC

FORM
JUL 64

9-5 5 (OL A)

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DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-70

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MON/H	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SLP	00-02	17.6	4.2	2.4	4.7	4.0	3.6	2.7	3.3	5.3	4.9	47.0	6.5	449
	03-05	14.7	2.4	2.4	4.9	4.7	3.3	4.4	6.2	3.3	8.0	45.6	6.8	450
	06-08	9.8	2.2	3.6	3.1	3.6	2.2	3.8	3.8	5.8	8.9	53.3	7.5	450
	09-11	9.8	3.6	3.1	3.3	2.4	3.1	3.1	3.3	7.1	7.1	54.0	7.5	450
	12-14	9.8	2.7	4.2	4.2	2.9	3.6	2.9	3.3	3.6	7.8	54.9	7.4	450
	15-17	9.3	5.3	4.7	2.2	3.8	3.1	1.8	2.7	2.0	11.3	53.8	7.4	450
	18-20	10.0	2.7	4.2	4.5	2.2	3.8	3.6	5.8	6.9	7.1	49.0	7.3	449
	21-23	14.4	3.1	6.9	4.0	3.3	3.6	3.8	4.2	4.4	4.9	47.3	6.7	450
TOTALS		12.0	3.3	3.9	3.9	3.4	3.3	3.3	4.1	4.8	7.5	50.6	7.1	3598

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

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SKY COVER

66-70

PCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-70

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	20.0	2.2	2.9	2.7	2.2	2.0	1.6	4.2	5.3	3.8	53.1	6.8	450
	03-05	18.9	1.3	3.1	2.7	2.7	2.4	3.8	5.3	6.2	3.3	50.1	6.8	449
	06-08	15.6	2.7	2.4	3.0	2.7	1.8	3.6	2.7	5.6	7.6	52.0	7.1	450
	09-11	10.2	3.3	3.3	4.5	3.6	1.6	2.0	5.1	6.5	8.0	51.9	7.4	449
	12-14	10.5	2.9	3.6	5.6	3.1	3.1	2.5	3.6	5.6	8.5	51.1	7.3	448
	15-17	10.0	3.8	2.4	5.1	3.3	1.8	4.0	7.1	6.0	6.2	50.2	7.3	450
	18-20	14.0	1.8	7.1	3.8	2.4	4.2	3.3	4.2	5.3	3.3	50.4	6.8	450
	21-23	17.6	2.2	3.3	3.6	2.4	2.0	3.3	3.1	7.6	2.9	51.9	6.9	449
TOTALS		14.6	2.5	3.5	4.0	2.8	2.4	3.0	4.4	6.0	5.5	51.3	7.1	3595

USAFETAC

FORM
JUL 64 0-9-5 (CI A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

DEC

MONTH

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the ~~percentage~~ of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σX). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH
USAF ETAC

AIR WEATHER SERVICE/MAC

20401 ELEMENT 001 AFB ALASKA/ANCHORAGE

STATION

STATION NAME

51-53, 54-76

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85						.1							.0
80					.1	.2	1.3	.3					.2
75					.3	3.2	6.0	2.3					1.0
70					2.3	11.2	19.4	12.4	.4				3.9
65				.1	6.9	31.5	49.7	40.0	3.9				11.2
60				1.0	19.0	62.2	82.7	76.1	21.9	.5			22.3
55		.1		3.3	46.0	87.9	98.5	96.7	54.6	2.2	.1		33.2
50		.8	.5	17.6	79.4	99.1	100.0	100.0	83.6	14.6	1.7	.5	42.2
45	1.7	2.8	4.7	44.8	96.3	100.0			97.0	34.3	5.5	1.7	49.9
40	4.4	9.4	20.6	71.8	99.1				99.3	57.4	11.2	5.7	57.4
35	9.9	20.9	43.2	69.5	99.5				100.0	78.2	24.0	11.3	65.6
30	17.1	37.8	62.4	96.4	99.9					90.9	37.4	23.7	73.0
25	30.9	55.6	76.9	99.4						97.1	58.9	39.2	80.3
20	46.7	70.3	89.0	99.8	100.0					99.0	73.1	53.9	86.3
15	59.1	81.7	95.3	99.9						99.7	85.3	66.9	90.9
10	73.3	91.3	97.9							100.0	94.3	77.5	94.6
5	85.4	96.5	99.1	100.0							99.0	86.6	97.2
0	92.0	99.3	99.8								99.7	92.4	98.6
-5	96.2	99.6	100.0								100.0	96.7	99.4
-10	98.0	99.9										99.2	99.8
-15	99.7	100.0										99.9	100.0
-20	100.0												100.0
-25												100.0	100.0
MEAN	17.7	25.3	31.4	43.1	54.3	61.9	64.9	63.3	55.0	40.7	26.5	19.8	42.0
S D	12.78	11.08	9.33	6.97	6.52	5.17	5.66	5.23	5.69	6.13	10.77	12.92	19.01
TOTAL OBS	990	903	1014	1007	1053	986	1023	1023	990	1013	960	992	11954

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

20401 ELMENDORF AFB ALASKA/ANCHORAGE -53, 56-76
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65						.1							.0
60						.4	1.0	.1					.1
55						3.9	18.4	11.0	.3				2.9
50					1.1	32.4	75.2	56.3	8.7				14.7
45					12.4	75.8	95.9	85.2	34.2	1.1			25.8
40		.1		.3	45.9	97.0	9.8	96.9	68.6	6.0			35.3
35	.2	.8	1.3	11.1	79.0	99.6	9	99.5	86.3	23.3	2.3		42.7
30	.5	1.7	4.6	25.6	88.2	100.0	1.0	99.8	91.4	33.0	5.7	.7	46.7
25	3.1	5.4	10.7	30.4	95.9			99.9	95.7	53.5	12.3	3.0	53.3
20	7.2	14.2	24.6	77.6	98.7			100.0	99.2	73.2	23.7	10.1	61.5
15	14.8	24.6	39.6	88.3	99.4				100.0	83.4	36.0	21.2	68.0
10	25.7	39.4	53.9	93.0	99.7					91.2	56.4	33.3	74.5
5	36.8	53.1	67.8	96.5	99.9					96.5	61.9	46.5	80.4
0	46.4	66.3	77.3	98.9						98.5	71.4	58.5	85.3
-5	58.1	75.8	85.5	99.6	100.0					99.7	83.4	68.7	89.5
-10	70.9	84.1	91.2	99.7						99.9	92.5	77.3	93.1
-15	81.9	90.5	96.5	99.8						100.0	97.9	84.5	96.0
-20	89.3	95.7	99.1	99.9							99.6	92.1	98.0
-25	94.8	98.0	99.0	100.0								95.5	99.0
-30	97.5	99.1	100.0									98.7	99.6
-35	99.0	99.6										99.6	99.8
-40	99.7											100.0	99.9
-45	100.0	99.9											100.0
		100.0											100.0
MEAN	3.2	9.3	16.4	27.8	38.5	47.3	51.5	59.4	41.6	28.4	13.7	6.3	27.4
S D	14.672	13.908	12.404	7.418	5.436	4.325	3.562	4.507	6.175	5.864	2.696	1.581	19.722
TOTAL OBS	991	904	1014	1007	1053	986	1023	1023	890	1013	860	892	11756

DATA PROCESSING BRANCH

USAF ETAC

AIR WEATHER SERVICE/AC

26401 ELMENDORF AFB, ALASKA/ANCHORAGE

91-53, 50-76

STATION

STATION NAME

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70					.2	2.0	6.4	2.0					.1
65					.8	13.1	34.6	22.2	1.3				.9
60					5.1	50.1	44.8	69.9	10.6				6.1
55					26.7	89.0	99.9	57.2	44.9	1.0			18.7
50				.4	66.0	99.7	100.0	90.8	78.3	9.7			36.4
45		.2		4.5	93.9	100.0		100.0	94.9	29.0	.2		38.8
40	.2	1.3	2.0	28.8	98.5				99.3	56.1	3.2		47.0
35	3.1	6.6	13.0	64.7	99.1				100.0	77.3	11.0	3.7	55.5
30	8.8	17.1	32.0	93.9	99.7					88.5	36.3	10.6	63.5
25	16.2	30.2	50.0	92.1	99.8					95.1	53.9	22.5	70.5
20	27.1	47.1	65.4	97.6	99.8					98.7	60.5	36.5	77.4
15	41.5	62.0	79.5	99.4	100.0					99.4	70.8	50.4	83.7
10	52.6	75.0	88.2	99.7						99.8	88.6	63.1	88.4
5	66.3	84.1	94.4	99.8						100.0	96.5	72.5	92.3
0	78.9	90.3	98.1								99.4	82.1	95.6
-5	87.6	96.0	99.1	100.0							99.8	88.3	97.6
-10	93.4	99.1	99.8								100.0	95.3	99.0
-15	96.8	99.4	100.0									97.6	99.5
-20	98.6	99.7										99.8	99.8
-25	99.8	99.9										99.9	100.0
-30	100.0	100.0										100.0	100.0
MEAN	10.5	17.4	23.0	35.6	46.6	54.7	56.3	56.5	46.5	34.7	20.2	13.1	34.9
S D	13.501	12.128	10.528	6.653	5.256	4.422	3.794	3.826	5.184	3.127	1.475	1.565	19.161
TOTAL OBS	990	964	1014	1007	1053	984	1023	1023	990	1013	900	992	11054

USAF ETAC FORM 10-15 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/HAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

26401 ELMENDORF AFB ALASKA/ANCHORAGE 41-53, 56-76

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
41			* 45*	56	64	75	70	76	66	53	45	53	
42	47	49	50	53	75	77	76	71	69	57	30	28	77
43	29	58	43	58	69	80	73	75	62	57	48	52	80
44	43	50	49	58*	63	74	80	75	70	54	52	49	80
45	49	54	43	51	67	69	73	67	63	55	33	41	73
46	41	42	46	52	70	77	78	72	65	55	46	40	78
47	41	46	50	54	80	75	81	78	63	56	57	40	81
48	47	48	47	58	67	84	74	71	65	51	42	30	84
49	37	35	50	54	68	65	78	76	71	53	51	35	78
50	32	33	42	52	64	78	79	81	68	54	45	36	81
51	36	42	45	58	67	73	82	72	65	54	54	36	82
52	24	46	44	48	61	69	83	72	63	61	49	45	83
53	35	46	45	63	70	84	83	71	63	56			
56			* 60	57	69	81	73	73	73	46	50	36	
57	45	36	48	53	71	78	75	81	74	57	46	39	81
58	42	39	49	63	74	73	76	70	62	54	45	33	76
59	* 42	44	42	52	71	80	73	74	64	53	41	35	80
60	42	40	43	58	74	72	83	76	59	53	47	43	83
61	49	35	44	53	64	74	73	67	67	51	46	37	74
62	43	40	47	50	59	70	73	72	66	52	51	48	73
63	39	40	46	51	72	66	73	75	69	62	35	44	75
64	33	44	37	48	70	72	72	68	63	53	41	26	72
65	48	39	51	60	61	63	75	69	68	51	45	37	75
66	39	44	46	55	60	73	75	68	65	63	39	37	75
67	30	41	51	60	66	75	81	71	60	55	54	53	81
68	39	51	42	55	70	75	75	82	64	48	40	39	82
69	23	43	42	54	79*	86	75	72	63	60	47	49	* 86
70	36	46	49	51	65	70	75	67	65	52	45	51	75
71	37	47	41	49	55	74	78	71	61	52	42	43	78
72	41	33	43	47	63	68	82	74	67	57	35	33	82
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 088-5 (OLI)

026

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

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USAF ETAC FORA
MIL A

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

EXTREME VALUES MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

26401 ELMEHORE AFB ALASKA/ANCHORAGE 41-53, 56-76
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC.	ALL MONTHS	
41			*	-4*	23	29	34	34	40	24	4	-12	-17	
42	-6	11	-6	20	29	37	46	41	25	11	-16	-28	-28	
43	-23	-26	-13	10	27	37	44	42	32	9	2	-9	-26	
44	-28	-3	-19	-20*	31	33	40	40	30	11	-9	-21	-28	
45	-8	-28	-10	-3	0	35	41	39	27	3	-15	-18	-28	
46	-16	-20	-24	7	30	37	46	36	20	19	-10	-32	-32	
47	-36	-43	10	6	25	36	44	36	22	12	8	3	-43	
48	-15	-19	-10	0	27	40	38	29	25	20	-20	-22	-22	
49	-23	-27	9	4	20	38	40	38	33	15	5	-26	-27	
50	-17	-22	5	7	32	40	42	41	32	2	-10	-15	-22	
51	-29	-15	-14	23	29	37	45	45	33	14	-1	-19	-29	
52	-23	-5	-5	7	26	38	46	37	30	20	10	0	-23	
53	-15	-17	-5	20	33	44	48	43	26*	26				
56			*	23	33	40	40	43	25	0	-12	-19		
57	-7	-8	14	23	29	47	43	47	29	22	16	-16	-16	
58	-9	7	10	26	35	41	47	41	32	6	-3	-9	-9	
59	* -11	-3	-15	10	30	43	46	41	32	3	2	-7	-15	
60	-19	6	-4	12	35	42	46	41	33	21	-4	6	-19	
61	-11	0	-13	14	32	37	46	42	33	-6	-14	-34	-34	
62	-21	-8	-11	25	28	41	48	41	30	21	-7	-17	-21	
63	-23	-7	2	3	31	42	48	41	37	15	-12	0	-23	
64	-10	-19	-18	11	17	44	42	40	36	12	-12	-28	-28	
65	-18	-15	11	18	23	41	45	36	30	8	-9	-20	-20	
66	-16	-10	-10	19	32	46	47	46	35	9	-3	-18	-18	
67	-14	-15	1	24	33	44	50	44	34	18	-7	-14	-15	
68	-15	-17	8	5	31	41	50	41	26	16	-5	-15	-17	
69	-18	-16	5	4	33*	44	45	34	36	15	-10	5	-18	
70	-17	0	15	11	29	37	43	40	27	-2	-7	-16	-17	
71	-30	-18	-23	18	30	40	44	45	30	3	-7	-14	-30	
72	-30	-15	-13	4	31	40	48	48	30	22	2	-9	-30	
MEAN														
S D														
TOTAL OBS														

NOTES * (BASED ON < FULL MONTHS)

(AT LEAST ONE DAY < 24 OBS)

USAF ETAC FORM 088-5 (OII)

2

(FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

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USAF ETAC FORM 0-88.5 (OLI)

PSYCHROMETRIC SUMMARY

66-76

All

PAGE 1

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85												.0	.0					4	4					
84/ 83												.0	.0					2	2					
82/ 81												.0	.0					13	13					
80/ 79									.0	.0	.0	.0	.0	.0				16	16					
78/ 77								.0	.0	.0	.0	.0	.0					17	17					
76/ 75							.0	.0	.0	.0	.0	.0						42	42					
74/ 73						.0	.0	.0	.0	.0	.0	.0	.0	.0				111	111					
72/ 71					.0	.0	.1	.1	.0	.0	.0	.0	.0					194	194					
70/ 69				.0	.0	.1	.2	.1	.0	.0	.0							326	326					
68/ 67				.0	.1	.2	.2	.1	.0	.0								514	514					
66/ 65			.0	.1	.2	.4	.2	.1	.0	.0								877	877	2				
64/ 63		.0	.0	.2	.5	.5	.2	.1	.0	.0								1312	1312	38				
62/ 61		.0	.1	.5	.8	.5	.2	.1	.0	.0								1889	1890	152				
60/ 59		.1	.5	.9	.7	.4	.2	.1	.0	.0								2536	2536	413				
58/ 57		.4	1.0	1.0	.7	.4	.2	.1	.0									3263	3264	1212				
56/ 55		.7	1.4	1.2	.7	.4	.2	.1	.0									3979	3979	2517				
54/ 53	.0	.9	1.5	1.2	.6	.3	.2	.0	.0	.0								3969	3969	3798				
52/ 51	.0	.9	1.6	.9	.5	.4	.2	.0										3776	3778	4160				
50/ 49	.0	.9	1.5	.7	.5	.3	.1	.0										3343	3345	4433				
48/ 47	.0	1.0	1.0	.7	.5	.3	.1	.0										3071	3072	4373				
46/ 45	.0	.9	1.0	.8	.6	.2	.0											2913	2914	3809				
44/ 43	.0	.6	.8	.9	.4	.1	.0											2416	2417	3030				
42/ 41	.0	.6	1.0	.8	.4	.1												2316	2316	2744				
40/ 39	.1	.8	1.2	.7	.3	.0												2554	2555	2967				
38/ 37	.2	1.1	1.2	.7	.2	.0												2768	2779	3108				
36/ 35	.2	1.4	1.3	.5	.1	.0												3023	3028	3347				
34/ 33	.4	1.7	1.2	.5	.1	.0												3212	3215	3765				
32/ 31	.2	1.7	.9	.4	.1													2732	2734	3420				
30/ 29	.3	1.7	1.0	.3	.0													2660	2660	3166				
28/ 27	.5	1.9	.8	.2														2824	2827	3188				
26/ 25	.4	1.7	.7	.1														2471	2472	2995				
24/ 23	.4	1.7	.4	.0														2212	2214	2694				
22/ 21	.7	1.5	.4	.0														2246	2246	2623				
20/ 19	.9	1.4	.4	.0														2243	2271	2456				
Element (X)	ΣX ²			ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-76

YEARS

ALL
MONTH

PAGE 2

ALL
HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
18/ 17	.7	1.3	.3	.0														1931	1946	2154	2750			
16/ 15	.7	1.3	.2	.0														1795	1808	1948	2715			
14/ 13	.5	1.0	.1															1327	1337	1649	2164			
12/ 11	.6	1.0	.2															1450	1461	1510	1999			
10/ 9	.7	1.2	.2															1666	1685	1467	1895			
8/ 7	.5	1.1	.0															1367	1409	1469	1603			
6/ 5	.6	.8	.0															1165	1246	1439	1478			
4/ 3	.5	.8																1087	1148	1126	1301			
2/ 1	.5	.7																1027	1065	1148	1227			
0/ -1	.9	.2																979	1009	1181	1117			
-2/ -3	.7	.2																785	801	855	1041			
-4/ -5	.6	.2																637	667	646	1016			
-6/ -7	.6	.1																546	555	583	962			
-8/ -9	.6	.0																560	564	568	986			
-10/-11	.4	.0																374	377	380	778			
-12/-13	.3	.0																281	283	281	669			
-14/-15	.3	.0																240	240	246	770			
-16/-17	.1																	104	104	106	580			
-18/-19	.1																	81	81	81	463			
-20/-21	.1																	80	81	80	431			
-22/-23	.1																	58	58	58	280			
-24/-25	.1																	44	44	44	242			
-26/-27	.0																	34	34	34	147			
-28/-29	.0																	17	17	17	100			
-30/-31	.0																	16	16	16	55			
-32/-33	.0																	9	9	9	57			
-34/-35	.0																	2	2	2	71			
-36/-37	.0																	1	1	1	24			
-38/-39																						13		
-40/-41																						9		
-42/-43																						3		
-44/-45																						5		
-48/-49																						1		
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

ALL
MONTH
ALL

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

YEARS

JAN
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
46/ 45					.0													2	2								
44/ 43				.0	.1													6	6								
42/ 41			.0	.1	.1													10	10								
40/ 39			.0	.1	.1													13	13	2							
38/ 37		.0	.6	.1														48	48	2							
36/ 35		.3	.5	.1														60	60	35							
34/ 33	.0	.4	.6	.2	.0													85	85	77							
32/ 31	.0	.5	.6	.1	.0													84	84	66							
30/ 29	.0	1.1	1.1	.0	.0													153	153	91							
28/ 27	.5	1.9	.3															183	183	199							
26/ 25	.2	2.1	.1															162	162	181							
24/ 23	.4	2.5	.1	.0														209	209	222							
22/ 21	1.6	2.1	.1	.1														259	259	269							
20/ 19	1.5	2.1	.1	.0														262	270	261							
18/ 17	1.9	2.7	.2	.1														331	333	330							
16/ 15	1.7	2.5	.3	.0														307	310	307							
14/ 13	1.3	1.7	.4															240	240	256							
12/ 11	1.8	1.6	1.0															300	303	257							
10/ 9	2.6	2.8	1.0															433	439	358							
8/ 7	2.3	3.6	.3															420	435	398							
6/ 5	2.6	2.9	.0															375	403	460							
4/ 3	2.2	2.9																349	366	379							
2/ 1	2.5	2.9																369	375	381							
0/ -1	4.6	1.0																382	384	457							
-2/ -3	3.6	.8																296	298	330							
-4/ -5	3.4	.5																267	273	272							
-6/ -7	3.1	.2																226	229	236							
-8/ -9	3.5																	236	237	241							
-10/-11	2.2																	151	151	151							
-12/-13	1.9																	126	127	126							
-14/-15	1.9																	130	130	130							
-16/-17	1.0																	68	68	68							
-18/-19	.9																	60	60	60							
-20/-21	.8																	55	55	55							
Element (X)	Σ X ²				Σ X				X̄				σ _X				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

9477-54321
USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

PSYCHROMETRIC SUMMARY

JAN

STATION

STATION NAME

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AL1

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

MAR

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-18/-19	.1																	4	4	4	21	
-20/-21	.1																	5	5	5	26	
-22/-23	.0																	1	1	1	12	
-24/-25																					28	
-26/-27																					21	
-28/-29																					13	
-30/-31																					4	
-32/-33																					2	
-34/-35																					2	
-36/-37																					1	
TOTAL	10.5	46.9	29.1	10.7	2.7	.2	.0											7183	7190	7183	7183	

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USAF ETAC

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HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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HOURS (L, S, T.)

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MAY
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HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

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AUG
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
82/ 81										.0	.0							3	3				
80/ 79									.0									3	3				
78/ 77									.0									1	1				
76/ 75									.0	.0								3	3				
74/ 73								.0	.2	.0								16	16				
72/ 71					.1	.0	.3	.2	.0									48	48				
70/ 69					.1	.4	.6	.2	.0									101	101				
68/ 67				.1	.4	1.0	.7	.2	.0									178	178				
66/ 65				.3	1.3	1.4	.7	.2	.1									300	300				
64/ 63		.0	.1	1.4	1.9	1.6	.5	.3	.1									427	427	11			
62/ 61		.1	.9	2.5	2.9	1.2	.4	.2	.0	.0								603	603	30			
60/ 59		.5	3.3	3.9	2.1	.8	.4	.2	.1	.1								833	833	177	5		
58/ 57		2.5	5.0	3.5	1.8	.5	.2	.1	.1									991	991	528	27		
56/ 55		4.4	6.4	3.3	1.0	.4	.2	.1	.0									1140	1140	1078	161		
54/ 53	.1	4.8	5.5	2.2	.4	.2	.1	.0										970	970	1394	682		
52/ 51	.0	4.2	5.1	.8	.3	.1	.0											761	762	1334	1060		
50/ 49	.0	2.7	3.0	.5	.1	.1	.0											476	476	1165	1280		
48/ 47	.0	1.2	.8	.4	.1	.1												185	186	792	1228		
46/ 45		.6	.5	.4	.1	.0												111	111	350	1032		
44/ 43	.0	.2	.3	.2	.0													51	51	173	665		
42/ 41	.0	.1	.2	.1	.0													28	28	104	361		
40/ 39		.0	.1	.0														12	12	63	213		
38/ 37		.0	.1	.0														8	9	28	144		
36/ 35		.0	.0	.0														6	6	17	123		
34/ 33		.0	.0															2	2	8	96		
32/ 31																				4	70		
30/ 29																				1	33		
28/ 27																					16		
26/ 25																					24		
24/ 23																					18		
22/ 21																					7		
20/ 19																					5		
18/ 17																					2		
16/ 15																					3		
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAF ETAC FORM J-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

DATA PROCESSING BRANCH
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26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
70/ 69								.0	.0									2	2					
68/ 67						.0	.0	.0	.0	.0								7	7					
66/ 65					.0	.0	.0	.1	.0									18	18					
64/ 63				.0	.0	.1	.1	.2	.0									38	38					
62/ 61			.0	.1	.2	.3	.3	.2	.0									77	77					
60/ 59		.0	.2	.4	.6	.6	.4	.1										163	163					
58/ 57		.4	.5	.9	1.4	1.0	.2	.0	.0									317	317	16				
56/ 55		.5	1.1	1.9	1.9	.7	.0	.1										447	447	75	16			
54/ 53	.1	1.5	2.6	3.3	1.4	.3	.1	.1										666	666	137	60			
52/ 51	.0	2.5	5.0	2.8	1.0	.4	.2	.1										847	847	428	96			
50/ 49	.1	4.9	6.1	1.8	.5	.3	.3	.0										1000	1000	826	261			
48/ 47	.0	6.6	4.9	1.5	.4	.4	.2	.0										992	992	1297	466			
46/ 45	.0	5.3	3.5	.7	.5	.3	.1											733	734	1207	891			
44/ 43	.1	3.5	2.6	.6	.5	.3												537	538	831	1025			
42/ 41	.4	2.5	1.9	.7	.3	.1												415	415	637	957			
40/ 39	.3	1.4	.9	.5	.5													258	258	517	828			
38/ 37	.3	1.3	.6	.6	.1													203	212	317	692			
36/ 35	.2	.8	.6	.2	.0													129	131	278	487			
34/ 33	.0	.5	.4	.3														86	86	190	252			
32/ 31		.5	.4	.1														65	65	122	189			
30/ 29		.2	.2															28	28	87	131			
28/ 27		.1	.1															14	14	49	135			
26/ 25		.0																3	3	31	128			
24/ 23																					99			
22/ 21																					102			
20/ 19																					106			
18/ 17																					66			
16/ 15																					51			
14/ 13																					5			
12/ 11																					2			
TOTAL	1.6	32.5	31.8	16.6	9.3	4.9	2.1	1.1	.1	.0								7045	7058	7045	7045			
Element (X)	Σx ²		Σx		Σ		Σx		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	39790724		517856		73.5		15.648		7045		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	16726590		340634		48.3		6.376		7058				11.2	.9			720							
Wet Bulb	13995484		311516		44.2		5.600		7045				29.5				720							
Dew Point	11421979		278755		39.6		7.462		7045				103.6				720							

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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HOURS (L, S, T.)

DATA PROCESSING BRANCH
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26401 ELMENDORF AFB ALASKA/ANCHORAGE

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
54/ 53						.0												3	3					
52/ 51						.1	.1											12	12					
50/ 49				.0	.1	.3												27	27					
48/ 47				.1	.2	.0												20	20					
46/ 45			.1	.1	.1	.0												23	23					
44/ 43		.0	.1	.2	.2													39	39	8				
42/ 41		.3	.4	.3	.0	.0												75	75	38				
40/ 39	.1	.5	.9	.2														114	114	80	14			
38/ 37	.2	1.7	.6	.1														172	172	125	34			
36/ 35	.9	2.3	1.0	.1														292	292	278	117			
34/ 33	.8	2.9	.9	.1														322	322	325	169			
32/ 31	.4	2.5	.8	.2														266	268	283	322			
30/ 29	.8	3.3	1.2	.2														377	377	311	274			
28/ 27	1.0	4.6	.8	.1														444	445	374	332			
26/ 25	.7	4.6	1.0	.1														439	439	459	293			
24/ 23	1.5	5.3	.6															502	502	497	333			
22/ 21	2.4	4.1	.4	.0														478	478	594	379			
20/ 19	3.0	4.0	.7															535	536	539	469			
18/ 17	2.2	3.0	.5															397	398	438	519			
16/ 15	2.1	3.0	.4															384	385	404	544			
14/ 13	1.4	2.3	.2															266	267	319	409			
12/ 11	1.4	2.2	.1															254	254	271	352			
10/ 9	1.5	2.1	.1															251	254	250	310			
8/ 7	1.2	2.2	.1															243	244	243	241			
6/ 5	1.3	2.1																237	240	245	219			
4/ 3	1.0	2.0																207	214	210	220			
2/ 1	1.1	1.4																170	171	216	243			
0/ -1	1.6	.1																116	120	155	224			
-2/ -3	1.2	.2																94	95	91	191			
-4/ -5	.8	.1																64	65	62	205			
-6/ -7	.6																	41	42	49	151			
-8/ -9	.3																	20	21	20	95			
-10/-11	.1																	8	9	8	65			
-12/-13	.0																	2	2	2	60			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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DATA PROCESSING BRANCH
USAF ETAC
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
44/ 43					.2													2	2						
42/ 41					.4													3	3						
40/ 39				.1	.1													2	2						
38/ 37			.4	.2														5	5						
36/ 35			.8	.1														8	8	3					
34/ 33			.6	.4														8	8	8					
32/ 31		.5	1.2	.1														15	15	13					
30/ 29	.1	.6	.9															14	14	8	2				
28/ 27	.4	1.5	.4															19	19	26	8				
26/ 25	.7	1.2	.2															18	18	22	17				
24/ 23	.6	3.2		.1														33	33	28	15				
22/ 21	1.4	2.5																33	33	36	26				
20/ 19	1.2	1.9	.1	.1														28	28	30	37				
18/ 17	1.9	2.0	.2	.1														36	36	35	37				
16/ 15	1.8	2.2	.1	.1														36	36	34	33				
14/ 13	1.5	1.8	.1															29	29	37	28				
12/ 11	1.9	1.3	.8															34	34	28	32				
10/ 9	2.6	2.7	.7															51	51	41	35				
8/ 7	2.7	2.3	.5															47	48	47	29				
6/ 5	2.7	3.3																51	53	53	34				
4/ 3	1.8	2.8																39	44	48	26				
2/ 1	2.8	2.6																46	48	46	39				
0/ -1	5.4	.5																50	50	61	25				
-2/ -3	3.9	1.1																42	43	40	26				
-4/ -5	3.5	.8																37	37	40	33				
-6/ -7	3.3																	28	29	30	46				
-8/ -9	4.0																	34	34	34	42				
-10/-11	2.1																	18	18	18	39				
-12/-13	1.9																	16	16	16	35				
-14/-15	2.6																	22	22	22	43				
-16/-17	1.1																	9	9	9	24				
-18/-19	.8																	7	7	7	35				
-20/-21	1.5																	13	13	13	30				
-22/-23	.6																	5	5	5	19				
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

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HOURS (L. S. T.)

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL		
	1	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
44/ 43					.2													2	2																
42/ 41					.1													1	1																
40/ 39				.2														2	2																
38/ 37			.6	.2														7	7																
36/ 35				.2														2	2	5															
34/ 33	.1		.8															8	8	7															
32/ 31	.1	.2	.6															8	8	4	2														
30/ 29	.1	.9	1.5															22	22	11	2														
28/ 27	.5	2.1	.1															23	23	27	8														
26/ 25		1.4																12	12	20	13														
24/ 23	.5	2.4	.2															27	27	26	13														
22/ 21	1.2	2.0		.2														29	29	28	27														
20/ 19	1.7	3.1	.2															44	44	36	29														
18/ 17	1.0	2.4	.1	.1														32	32	38	39														
16/ 15	1.4	2.1	.5															34	36	34	28														
14/ 13	1.6	1.9	.1															31	31	35	34														
12/ 11	1.2	1.2	1.0															29	29	27	36														
10/ 9	2.8	2.2	.6															48	48	42	37														
8/ 7	2.7	3.9	.1															58	59	45	28														
6/ 5	2.4	1.7																36	45	55	33														
4/ 3	2.3	2.8																44	45	42	22														
2/ 1	3.1	3.6																58	58	59	33														
0/ -1	3.9	.5																38	38	51	23														
-2/ -3	4.1	.8																42	42	41	36														
-4/ -5	3.3	.7																34	35	36	36														
-6/ -7	3.3	.3																31	31	31	48														
-8/ -9	4.3																	37	37	39	35														
-10/-11	2.8																	24	24	24	48														
-12/-13	2.7																	23	23	23	29														
-14/-15	2.1																	18	18	18	38														
-16/-17	1.4																	12	12	12	30														
-18/-19	.9																	6	8	8	25														
-20/-21	.8																	7	7	7	39														
-22/-23	.9																	8	8	8	18														
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total				
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE
STATION STATION NAME

67-76

JARI

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26601 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
42/ 41				.2																	2	2			
40/ 39				.1	.2																3	3			
38/ 37			.7																		6	6			
36/ 35		.4	.1	.1																	5	5	7		
34/ 33	.1	.1	.6																		7	7	7	3	
32/ 31		.4	.6	.1																	9	9	4	1	
30/ 29		1.1	1.0																		17	17	11	4	
28/ 27	.5	2.4	.2																		26	26	22	14	
26/ 25		1.7	.1																		15	15	24	11	
24/ 23	.7	2.5		.2																	29	29	28	8	
22/ 21	1.5	2.5		.2																	36	36	30	17	
20/ 19	2.1	2.3	.1																		38	38	41	47	
18/ 17	1.0	2.9	.1																		33	33	38	33	
16/ 15	1.5	1.8	.2																		30	30	34	31	
14/ 13	1.5	1.7																			27	27	31	30	
12/ 11	2.6	1.3	1.1																		42	42	34	32	
10/ 9	1.3	2.9	.8																		42	42	31	40	
8/ 7	1.8	2.5	.6																		41	42	40	29	
6/ 5	3.8	2.4																			52	57	61	28	
4/ 3	2.4	1.9																			36	38	42	35	
2/ 1	2.4	2.3																			39	39	41	24	
0/ -1	3.4	1.3																			40	40	42	31	
-2/ -3	3.6	.6																			35	35	40	21	
-4/ -5	4.3	.6																			41	42	42	32	
-6/ -7	3.7	.1																			32	33	32	39	
-8/ -9	4.2																				35	36	36	43	
-10/-11	2.7																				23	23	23	45	
-12/-13	2.7																				23	23	23	28	
-14/-15	2.6																				22	22	22	36	
-16/-17	1.1																				9	9	9	35	
-18/-19	1.7																				14	14	14	26	
-20/-21	1.2																				10	10	10	26	
-22/-23	.7																				6	6	6	19	
-24/-25	1.0																				8	8	8	22	
Element (X)	Σx^2			Σx			\bar{x}			σ_x			No. Obs.			Mean No. of Hours with Temperature							Total		
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

<u>26401</u>	<u>ELMENDORF AFB ALASKA/ANCHORAGE</u>
STATION	STATION NAME

67-76

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

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JAN
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-28/-29	.1																	1	1	1	5			
-30/-31	.4																	3	3	3	1			
-32/-33	.4																	3	3	3	5			
-34/-35																					7			
-36/-37																					1			
-38/-39																					3			
-40/-41																					1			
-42/-43																					1			
-44/-45																					1			
TOTAL	53.0	38.7	7.2	1.1															839	853	839			
																		839		839				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-76

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39			.2		.1													3	3		
38/ 37			.5															4	4		
36/ 35		.7	.6	.1														12	12	6	
34/ 33		.9	.8	.1														16	16	12	3
32/ 31		.5	.5	.3	.1													12	12	11	6
30/ 29		1.4	1.5															25	25	12	9
28/ 27	.2	2.6																24	24	29	2
26/ 25	.2	2.6																24	24	30	17
24/ 23	.8	2.1																25	25	29	21
22/ 21	1.9	2.2	.2															37	37	36	34
20/ 19	1.5	2.7	.2															38	39	33	25
18/ 17	2.4	2.9	.1															47	47	57	48
16/ 15	1.2	2.4	.3															34	34	31	36
14/ 13	1.7	1.7	.6															35	35	32	32
12/ 11	2.8	2.0	1.4															53	53	47	44
10/ 9	2.9	4.2	1.2															71	72	51	45
8/ 7	2.0	5.0	.5															64	68	65	30
6/ 5	2.9	3.3	.1															54	55	69	35
4/ 3	3.4	3.3																57	57	65	36
2/ 1	2.6	4.6																62	62	55	47
0/ -1	3.4	1.2																39	39	57	28
-2/ -3	2.4	1.2																31	31	34	27
-4/ -5	1.9	.5																20	20	24	47
-6/ -7	1.9	.3																19	20	21	43
-8/ -9	2.0																	17	17	17	46
-10/-11	.9																	8	8	8	35
-12/-13	1.0																	9	9	9	26
-14/-15	.5																	4	4	4	41
-16/-17	.8																	7	7	7	22
-18/-19	.3																	3	3	3	23
-20/-21	.3																	3	3	3	18
-22/-23	.3																	3	3	3	10
-24/-25																					7
-26/-27	.1																	1	1	1	6
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOUSE (H. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
42/ 41			.1	.2														3	3								
40/ 39																					1						
38/ 37		.1	.4	.1														5	5								
36/ 35		.2	.4															5	5	5	1						
34/ 33		1.3	.8	.1														19	19	9	3						
32/ 31		.5	.4	.1														8	8	13	4						
30/ 29		2.0	.9		.1													26	26	12	7						
28/ 27	.4	2.1	.5															25	25	26	12						
26/ 25	.1	2.3	.1															21	21	26	15						
24/ 23		2.3																19	19	22	14						
22/ 21	1.8	2.3																34	34	38	28						
20/ 19	1.2	2.5	.2															33	35	28	25						
18/ 17	2.6	3.0	.1	.1														49	49	46	40						
16/ 15	2.4	3.0	.1	.1														47	47	50	44						
14/ 13	.5	1.9	1.2															30	30	25	29						
12/ 11	2.3	2.3	1.5															51	53	40	26						
10/ 9	2.6	2.7	1.8															60	62	50	50						
8/ 7	2.7	4.2	.1															59	60	68	26						
6/ 5	2.0	4.9																58	60	61	41						
4/ 3	2.6	3.3																50	55	61	26						
2/ 1	2.0	3.8																49	50	48	24						
0/ -1	4.5	2.0																55	55	64	42						
-2/ -3	1.8	.6																20	20	33	34						
-4/ -5	2.6	.4																25	25	24	37						
-6/ -7	2.4	.2																22	22	23	43						
-8/ -9	2.3																	19	19	19	43						
-10/ -11	1.4																	12	12	12	46						
-12/ -13	.6																	5	5	5	24						
-14/ -15	1.3																	11	11	11	44						
-16/ -17	.8																	7	7	7	27						
-18/ -19	.5																	4	4	4	21						
-20/ -21	.6																	5	5	5	27						
-22/ -23	.1																	1	1	1	10						
-24/ -25	.4																	3	3	3	8						
Element (X)	Σx^2				Σx				\bar{x}				s_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

JAFB

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1500-1700

HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
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PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN

STATION

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MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL																																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																																																				
46/ 45					.2																												2	2																																						
44/ 43				.1																													1	1																																						
40/ 39				.1																													1	1	1																																					
38/ 37			.8	.1																													8	8	2																																					
36/ 35		.5	.9																													12	12	1																																						
34/ 33		.2	.2	.4	.1																											8	8	17																																						
32/ 31		.4	.5																													7	7	5	3																																					
30/ 29	.1	1.7	.5	.1																												20	20	12	8																																					
28/ 27	.6	1.4	.6																													22	22	29	16																																					
26/ 25	.1	2.5	.2																													24	24	11	13																																					
24/ 23	.5	2.4	.2																													26	26	34	17																																					
22/ 21	1.4	2.2	.1																													32	32	32	20																																					
20/ 19	1.5	2.1		.2																												33	36	35	31																																					
18/ 17	1.5	2.8	.6																													42	42	40	37																																					
16/ 15	2.4	2.1	.4																													41	41	41	33																																					
14/ 13	.8	2.0	.4																													27	27	28	28																																					
12/ 11	.8	1.3	1.4																													30	30	28	37																																					
10/ 9	2.6	3.7	.6																													58	59	43	35																																					
8/ 7	2.2	3.3																														47	50	55	29																																					
6/ 5	1.5	3.5																														43	44	49	30																																					
4/ 3	1.5	2.8																														37	39	36	22																																					
2/ 1	2.1	2.2																														37	38	43	25																																					
0/ -1	5.7	1.3																														59	60	65	23																																					
-2/ -3	3.4	.4																														32	32	40	43																																					
-4/ -5	3.9	.5																														37	40	36	35																																					
-6/ -7	4.3	.2																														38	38	40	42																																					
-8/ -9	4.4																															37	37	38	45																																					
-10/-11	2.4																															20	20	20	32																																					
-12/-13	1.8																															15	15	15	44																																					
-14/-15	.8																															7	7	7	42																																					
-16/-17	1.1																															9	9	9	38																																					
-18/-19	1.3																															11	11	11	33																																					
-20/-21	.9																															8	8	8	22																																					
-22/-23	.4																															3	3	3	10																																					
Element (X)	Σ X ²					Σ X					Σ					Σ					Σ					Σ					Σ					Σ																																				
Rel. Hum.																																																																								
Dry Bulb																																																																								
Wet Bulb																																																																								
Dew Point																																																																								
																																	Mean No. of Hours with Temperature																																							
																																	≤ 0 F					≤ 32 F																																		
																																	≥ 67 F					≥ 73 F																																		
																																	≥ 80 F					≥ 93 F																																		
																																	Total																																							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

JAN

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STATION NAME

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1800-2000

HOURS (L, S, T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

JAN
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
44/ 43					.1													1	1						
42/ 41					.1													1	1						
40/ 39					.1													1	1						
38/ 37			.7	.2														8	8						
36/ 35			.7	.2														8	8	5					
34/ 33		.2	.6	.1														8	8	4					
32/ 31	.1	.7	.9	.4														18	18	14	1				
30/ 29		.2	.6															7	7	13	5				
28/ 27	.7	1.5	.5															23	23	17	9				
26/ 25		2.6	.1															23	23	21	14				
24/ 23	.2	2.9	.1															28	28	28	10				
22/ 21	1.6	1.4	.1	.2														29	29	39	27				
20/ 19	1.5	.7																19	21	25	39				
18/ 17	2.8	2.5	.2															47	49	37	28				
16/ 15	1.8	2.8	.4															47	43	46	39				
14/ 13	1.1	1.9	.6															30	30	28	30				
12/ 11	.9	1.2	.7															24	24	24	31				
10/ 9	2.9	1.6	.9															47	48	45	34				
8/ 7	2.6	3.2																49	52	43	21				
6/ 5	2.7	2.3																43	46	51	37				
4/ 3	2.1	4.1																53	53	43	31				
2/ 1	2.5	2.2																40	41	51	33				
0/ -1	5.4	.6																51	52	62	17				
-2/ -3	3.6	.9																56	56	60	31				
-4/ -5	3.7	.4																35	35	34	34				
-6/ -7	2.8	.1																25	25	25	38				
-8/ -9	3.7																	32	32	33	57				
-10/-11	3.0																	26	26	26	43				
-12/-13	2.1																	18	18	18	45				
-14/-15	2.3																	20	20	20	36				
-16/-17	.9																	8	8	8	31				
-18/-19	.6																	5	5	5	34				
-20/-21	.6																	5	5	5	24				
-22/-23	.5																	4	4	4	15				
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

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PAGE 2 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
-24/-25	.8																	7	7	7	20				
-26/-27	.9																	8	8	8	6				
-28/-29	.2																	2	2	2	5				
-30/-31	.4																	3	3	3	5				
-32/-33	.4																	3	3	3	7				
-34/-35																					7				
-36/-37																					7				
-38/-39																					2				
-40/-41																					1				
-44/-45																					3				
TOTAL	57.4	34.0	7.1	1.2	.4													657	871	857	857				
				</																					

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMHENDORF AFB ALASKA/ANCHORAGE 67-76

YEARS

FEB
MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
48/ 47					.1													1	1					
44/ 43				.3														2	2					
42/ 41			.1		.4													4	4					
40/ 39			.5	.6														9	9	1				
38/ 37		.1	1.0	.5														13	13	3				
36/ 35	.1	.8	1.0	.3														17	17	8				
34/ 33	.3	2.0	1.1	.3														29	29	30	4			
32/ 31	.5	4.2	.9															44	44	39	14			
30/ 29	1.0	2.7	.6															34	34	45	37			
28/ 27	1.3	2.7	.5															35	35	41	43			
26/ 25	1.9	2.8	.4															40	40	42	37			
24/ 23	1.0	2.9	.3															33	33	29	38			
22/ 21	2.5	2.9	.1	.6														49	49	53	41			
20/ 19	2.7	1.5	.4															36	36	40	37			
18/ 17	1.3	1.4	.9	.1														29	30	24	42			
16/ 15	1.7	1.9	.4															31	31	31	31			
14/ 13	1.1	2.3																27	28	33	17			
12/ 11	1.7	2.3	.5															35	36	34	30			
10/ 9	1.4	3.7	.5															44	44	37	23			
8/ 7	1.4	3.1																35	36	37	21			
6/ 5	1.4	3.4																38	38	36	20			
4/ 3	1.0	3.7																37	38	37	38			
2/ 1	1.1	3.3																35	36	42	26			
0/ -1	2.3	1.0																26	27	35	34			
-2/ -3	1.7	1.1																22	22	26	27			
-4/ -5	1.9	.3																17	17	17	28			
-6/ -7	1.8	.3																16	16	18	28			
-8/ -9	1.9	.1																16	16	16	30			
-10/-11	1.5																	12	12	12	24			
-12/-13	1.1																	9	9	9	15			
-14/-15	1.1																	9	9	9	23			
-16/-17	.3																	2	2	2	27			
-18/-19																					17			
-20/-21																					16			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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HOURS (L. S. T.)

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26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

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PAGE 1 0300-0500
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B.-W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb Dew Point																	
52/ 51						.3												2	2														2			
50/ 49					.1													1	1														1			
48/ 47						.3												2	2														2			
46/ 45					.1													1	1														1			
42/ 41					.4													3	3														3			
40/ 39																																	1			
38/ 37		.5	.1	.6														10	10														3			
36/ 35		.6	.8	.9														18	18														7	1		
34/ 33	.1	1.3	1.2	.1														21	21													14	2			
32/ 31	.1	4.1	.8	.1														40	40													29	12			
30/ 29	1.2	2.6	.6															34	34													50	22			
28/ 27	2.2	3.1	.1															42	42													49	33			
26/ 25	2.1	2.2	.4															36	36													40	40			
24/ 23	1.7	2.6	.5															37	37													33	44			
22/ 21	1.9	2.7	.5	.3														42	42													40	45			
20/ 19	1.8	1.6	.4															29	29													35	42			
18/ 17	1.3	2.2	.4															30	32													24	32			
16/ 15	1.8	2.3	1.3															42	42													39	20			
14/ 13	1.3	1.2	.1															20	20													35	20			
12/ 11	2.3	3.1	.4															45	47													34	39			
10/ 9	1.6	3.0																35	37													38	28			
8/ 7	.8	2.7	.1															28	29													27	26			
6/ 5	.9	3.0																30	32													34	21			
4/ 3	.3	3.4																28	28													23	27			
2/ 1	1.4	3.1																35	35													44	14			
0/ -1	3.2	.4																28	32													35	27			
-2/ -3	2.7	1.4																32	32													32	35			
-4/ -5	1.7	.8																19	19													21	37			
-6/ -7	2.3	.3																20	20													19	26			
-8/ -9	3.5																	27	27													29	37			
-10/ -11	1.8	.3																16	17													15	25			
-12/ -13	1.4																	11	11													12	20			
-14/ -15	1.0																	8	8													8	20			
-16/ -17																																		22		
Element (X)	Σ x ²			Σ x			Σ	σ _x	No. Obs.			Mean No. of Hours with Temperature										Total														
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																			
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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HOURS (L. S. T.)

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26401 ELMENDORF AFB ALASKA/ANCHORAGE

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0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
50/ 49						.3												2	2						
48/ 47					.1													1	1						
46/ 45					.3	.1												3	3						
44/ 43					.1													1	1						
42/ 41					.1													1	1						
40/ 39				.1	.3													3	3	3					
38/ 37		.5	.3	.3														8	8	2					
36/ 35	.3	.3	1.0	.5														16	16	10	1				
34/ 33	.4	1.7	1.0															24	24	16	8				
32/ 31	.7	2.2	1.4	.1														34	34	25	7				
30/ 29	.5	4.4	1.0															46	46	48	16				
28/ 27	1.2	3.0	.1															33	33	48	33				
26/ 25	1.7	3.4	.3	.1														42	42	42	46				
24/ 23	1.4	1.7	.3															26	26	32	37				
22/ 21	1.4	2.5	.4															33	33	30	48				
20/ 19	2.2	1.7	.3	.1														33	37	34	32				
18/ 17	1.6	3.0	.3															37	39	32	36				
16/ 15	2.2	3.0	.3															42	45	40	23				
14/ 13	.5	2.1	.7															25	26	32	28				
12/ 11	2.2	1.6	.4															32	32	38	28				
10/ 9	1.2	3.0																32	32	27	29				
8/ 7	1.3	2.6																30	30	30	30				
6/ 5	1.2	2.9																31	33	33	30				
4/ 3	1.2	2.9																31	33	27	15				
2/ 1	1.8	2.5																33	34	37	26				
0/ -1	3.8	.7																34	35	44	22				
-2/ -3	2.3	.9																25	25	25	24				
-4/ -5	2.7	.3																23	23	24	33				
-6/ -7	2.6	.1																21	21	23	30				
-8/ -9	2.9	.1																23	23	22	24				
-10/-11	1.7	.1																14	14	14	33				
-12/-13	2.0																	15	15	16	20				
-14/-15	1.4																	11	11	11	23				
-16/-17	.4																	3	3	3	21				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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MONTH

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0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
50/ 49				.3		.1												1	1					
44/ 43				.3														2	2					
42/ 41			.3	.3	.9													11	11					
40/ 39			.1	.1														2	2	1				
38/ 37		.3	.5	.4														9	9	4				
36/ 35	.3	1.3	1.4	.3														25	25	11				
34/ 33	.6	1.8	1.4	.3														32	32	28	7			
32/ 31	.5	2.6	1.4	.4														38	38	34	21			
30/ 29	.6	3.2	.8															36	36	45	19			
28/ 27	1.3	4.1	.1															43	43	50	31			
26/ 25	.8	3.1	.5	.3														36	36	43	44			
24/ 23	1.5	2.8	.3	.1														37	37	35	45			
22/ 21	1.7	1.9	.4	.1														32	32	34	43			
20/ 19	1.3	3.7	.5															43	44	34	40			
18/ 17	1.9	2.6	1.3															45	45	41	28			
16/ 15	1.0	3.8	.6															43	43	43	38			
14/ 13	1.3	2.9																33	33	44	27			
12/ 11	1.7	2.4	.5															36	36	39	22			
10/ 9	1.9	3.7	.1															45	46	39	49			
8/ 7	1.0	4.1	.1															41	41	44	24			
6/ 5	1.3	3.3																36	37	38	31			
4/ 3	.5	3.6																32	32	31	26			
2/ 1	1.2	1.7																22	25	36	29			
0/ -1	1.7	1.2																22	22	21	35			
-2/ -3	1.4	1.2																20	21	24	39			
-4/ -5	2.1	.9																23	23	23	30			
-6/ -7	1.2																	9	9	12	22			
-8/ -9	1.3	.1																11	11	10	25			
-10/-11	.8																	6	6	7	23			
-12/-13	.3	.1																3	3	3	21			
-14/-15	.6																	5	5	5	16			
-16/-17	.1																	1	1	1	15			
-18/-19																					11			
-20/-21																					10			
Element (X)	Σx^2		Σx		\bar{x}		s_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PAGE 1 1200-1400
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B., W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
46/ 45					.1															1	1			
44/ 43				.1	.1															2	2			
42/ 41			.4	.5	.8															13	13			
40/ 39		.1	.8	.6	.4															15	15			
38/ 37		1.1	1.4	.9																27	27	8		
36/ 35	.1	2.4	2.4	.4																42	42	23	4	
34/ 33	.3	2.6	1.8	.6	.3															43	43	55	7	
32/ 31	.1	2.8	1.1	.1																33	33	50	22	
30/ 29	.1	3.1	1.3																	35	35	40	37	
28/ 27	.1	4.1	1.1	.1																43	43	46	39	
26/ 25	.5	3.6	2.0	.4																51	51	33	52	
24/ 23	1.0	2.8	3.2	.1																56	56	45	39	
22/ 21	1.4	2.4	1.8	.1																45	45	52	33	
20/ 19	1.1	2.3	2.2	.1																45	45	58	45	
18/ 17	1.0	2.8	1.5																	42	42	43	31	
16/ 15	.9	3.1	1.5																	43	44	45	29	
14/ 13	1.5	2.7	.9																	40	40	46	41	
12/ 11	1.8	2.7	1.1																	44	44	51	47	
10/ 9	.6	4.7	.3																	44	44	41	48	
8/ 7	.1	4.3	.1																	36	37	37	32	
6/ 5	.6	1.7																		18	18	36	25	
4/ 3	.5	1.8																		18	20	19	38	
2/ 1	.8	1.5																		18	19	16	31	
0/ -1	.6	.6																		10	10	17	43	
-2/ -3	1.0	.8																		14	14	14	28	
-4/ -5		.3																		2	2	4	26	
-6/ -7		.1																		1	1	2	24	
-8/ -9																							12	
-10/-11	.1	.1																		2	2	2	16	
-12/-13																							9	
-14/-15																							14	
-16/-17																							4	
-18/-19																							2	
-20/-21																							3	
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
46/ 45					.3	.1												3	3					
44/ 43				.1	.1													2	2					
42/ 41			.3	.4	.5													9	9					
40/ 39			1.2	1.0	.3													19	19	1				
38/ 37		1.3	1.7	1.3														33	33	7				
36/ 35	.3	1.9	1.0	.4														28	28	29	3			
34/ 33	.4	3.2	2.1	.4														48	48	53	14			
32/ 31	.4	3.4	1.8		.1													44	44	51	20			
30/ 29	.1	3.9	1.3															41	41	46	39			
28/ 27	.1	2.3	1.5	.6														36	36	38	44			
26/ 25	1.0	3.2	2.6	.5														57	57	36	46			
24/ 23	.6	3.5	1.8	.3														48	48	45	37			
22/ 21	1.0	3.6	2.2	.4														56	56	55	39			
20/ 19	1.5	2.6	1.7															45	45	67	39			
18/ 17	.3	2.1	1.5															30	31	33	40			
16/ 15	.8	2.6	2.6															46	46	41	37			
14/ 13	1.9	2.7	.6															41	41	55	34			
12/ 11	.6	3.0	1.2															37	37	42	40			
10/ 9	.8	4.4	1.4															51	51	41	42			
8/ 7	.6	1.8	.4															22	22	39	28			
6/ 5	.4	2.1																19	20	28	28			
4/ 3	.5	1.4																15	15	17	36			
2/ 1	.5	1.4																15	15	15	34			
0/ -1	1.0	1.2																17	18	16	42			
-2/ -3	.1	.6																6	6	11	22			
-4/ -5	.4	.6																8	8	7	23			
-6/ -7																				3	21			
-8/ -9																					13			
-10/-11																						16		
-12/-13																						8		
-14/-15																						13		
-16/-17																						7		
-18/-19																						8		
-20/-21																						1		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
46/ 45						.1												1	1					
44/ 43					.3													2	2					
42/ 41			.1	.7	.1													7	7					
40/ 39			.4	.5	.3													9	9					
38/ 37		.3	1.4	.9														20	20	4				
36/ 35		1.6	2.0	.3														29	29	1				
34/ 33	.9	2.8	1.1															36	36	9				
32/ 31	.3	3.0	1.7															38	38	22				
30/ 29	1.1	4.5	.7															47	47	28				
28/ 27	1.3	2.9	.5															36	36	45				
26/ 25	1.1	2.6	.7	.7														38	38	51				
24/ 23	1.2	3.4	.3	.4														40	40	41				
22/ 21	1.6	2.9	1.1															42	42	34				
20/ 19	1.7	2.6	1.4															44	44	41				
18/ 17	.8	2.2	1.1															31	32	36				
16/ 15	1.7	2.9	1.1															43	44	25				
14/ 13	1.2	2.8	.3															32	33	35				
12/ 11	.9	2.9	.7															34	35	29				
10/ 9	1.4	4.2	.8															49	49	29				
8/ 7	.9	4.0																37	37	15				
6/ 5	1.3	2.0																25	25	25				
4/ 3	.4	2.2																20	20	37				
2/ 1	1.4	1.2																20	20	48				
0/ -1	2.6	.8																26	26	19				
-2/ -3	1.2	.5																13	13	27				
-4/ -5	1.2	.3																11	12	30				
-6/ -7	.8	.4																9	9	27				
-8/ -9	1.1	.3																10	10	26				
-10/-11	.9																	7	7	13				
-12/-13		.1																1	1	15				
-14/-15	.3																	2	2	21				
-16/-17																				9				
-18/-19																				9				
-20/-21																				6				
Element (X)	Σ x ²			Σ x			\bar{x}	e _x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

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HOURS (I. S. T.)

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HOURS (L. S. T.)

[illegible]

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-76

MAR
MONTH

PAGE 1 0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
44/ 43					.1													1	1						
42/ 41			.3	.2	.1													6	6						
40/ 39			.7	.3														9	9						
38/ 37		.2	.8	.2	.1	.1												13	13	3					
36/ 35	.3	1.0	1.0	1.0														30	30	20	1				
34/ 33	1.1	1.8	1.5	.5														45	45	28	11				
32/ 31	.4	4.7	1.1															57	57	45	18				
30/ 29	.4	3.1	1.8															48	48	67	31				
28/ 27	1.2	5.5	1.6															76	76	69	33				
26/ 25	1.3	4.1	1.4															62	62	61	66				
24/ 23	.2	4.5	.7															49	49	60	53				
22/ 21	1.1	5.3	.8															65	65	63	36				
20/ 19	.9	5.3	.9															64	64	66	69				
18/ 17	1.0	4.4	.2															51	51	61	60				
16/ 15	.5	4.1	1.0															51	52	48	64				
14/ 13	.9	3.4	.3															42	42	49	44				
12/ 11	1.1	3.7	.1															45	45	54	59				
10/ 9	1.2	3.0	.1															39	39	41	43				
8/ 7	.8	2.6																31	31	31	38				
6/ 5	.7	.9																14	14	28	47				
4/ 3	.8	1.4																20	20	14	31				
2/ 1	.4	1.3																16	16	18	37				
0/ -1	1.6	.3																18	18	23	33				
-2/ -3	.9	.7																14	14	16	16				
-4/ -5	.8	.1																8	8	8	16				
-6/ -7	1.3																	12	12	13	9				
-8/ -9	1.5																	14	14	14	20				
-10/-11	.4																	4	4	4	14				
-12/-13																					12				
-14/-15	.1																	1	1	1	20				
-16/-17	.2																	2	2	2	3				
-18/-19	.1																	1	1	1	6				
-20/-21	.2																	2	2	2	4				
-22/-23																					3				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR

MONTH

0300-0500

HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

MAR
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
48/ 47					.1														1	1					
44/ 43					.2														2	2					
42/ 41			.3	.2	.1														6	6					
40/ 39		.3		.3															6	6	1				
38/ 37		.7	.8		.1														14	14	6				
36/ 35	.1	.9	1.2	.9															28	28	17	1			
34/ 33	.9	2.5	1.9	.8															54	54	22	13			
32/ 31	.3	3.5	2.0																52	52	47	14			
30/ 29	.2	4.7	1.0																53	53	70	18			
28/ 27	1.8	4.6	.7																63	63	70	39			
26/ 25	.7	3.6	1.8																54	54	53	72			
24/ 23	.1	3.3	.3																34	34	45	53			
22/ 21	.9	5.1	.9																62	62	51	42			
20/ 19	1.6	5.7	.7																71	71	71	59			
18/ 17	.9	5.9	.6																66	66	67	50			
16/ 15	1.0	3.5	.4																44	44	60	52			
14/ 13	.4	3.3	.3																37	37	43	52			
12/ 11	.8	3.6	.3																42	42	44	53			
10/ 9	1.3	3.6	.1																45	45	45	53			
8/ 7	.2	3.0																	29	29	31	47			
6/ 5	1.3	1.6																	26	26	36	41			
4/ 3	1.1	1.4																	23	23	23	33			
2/ 1	.7	.7																	12	12	19	29			
0/ -1	1.7	.2																	17	17	18	33			
-2/ -3	.6	.4																	9	9	10	25			
-4/ -5	.6	.2																	7	7	8	17			
-6/ -7	1.1																		10	10	10	20			
-8/ -9	1.6																		14	14	14	12			
-10/-11	.7																		6	6	6	7			
-12/-13	.3																		3	3	3	10			
-14/-15	.2																		2	2	2	15			
-16/-17	.1																		1	1	1	8			
-18/-19	.2																		2	2	2	5			
-20/-21	.2																		2	2	2	5			
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature									
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

0600-0800

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

14 A D

MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-76

MAR
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
50/ 49					.1														1	1				
48/ 47					.7	.4													10	10				
46/ 45				.3	1.1	.1													14	14				
44/ 43			.2	1.1	1.3														24	24				
42/ 41			.4	1.1	.3														17	17	1			
40/ 39		.2	1.3	2.1	.8														40	40	15			
38/ 37		.8	3.4	3.9	.7														78	78	32			
36/ 35	.1	2.0	2.6	1.9	1.0														68	70	51	2		
34/ 33	.1	1.5	2.5	3.3	.7														71	72	81	16		
32/ 31		2.0	2.8	3.9	.3														81	81	67	22		
30/ 29	.2	1.7	3.8	2.7															75	75	70	45		
28/ 27		2.0	4.4	2.6															80	80	87	64		
26/ 25		2.1	4.2	1.5															69	69	96	66		
24/ 23		.6	2.6	.3															31	31	69	39		
22/ 21	.1	2.5	2.8	.2															50	50	64	57		
20/ 19	.2	2.2	3.0	.1															50	50	58	61		
18/ 17	.1	1.7	2.1																35	35	47	53		
16/ 15		1.8	.9																24	24	46	68		
14/ 13		1.1	.6																15	15	29	47		
12/ 11	.1	.8	1.7																23	23	23	58		
10/ 9	.2	.3	.6																10	10	24	66		
8/ 7		.4	.2																6	6	4	51		
6/ 5		.6																	5	5	8	33		
4/ 3																				1	5	33		
2/ 1		.2																	2	2	1	23		
0/ -1	.3	.2																	5	5	5	18		
-2/ -3		.2																	2	2	3	5		
-4/ -5																						14		
-6/ -7	.2	.1																	3	3	3	14		
-8/ -9	.1																		1	1	1	5		
-10/-11																						5		
-12/-13																						9		
-14/-15																						8		
-16/-17																						1		
Element (X)	ΣX ²			ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

67-76

MAR
MONTH

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
50/ 49					.2													2	2													
48/ 47				.3	.1													4	4													
46/ 45			.7	2.0														24	24													
44/ 43			.6	1.4														17	17													
42/ 41		.5	1.6	1.2														29	29	2												
40/ 39	.2	1.6	3.1	.8	.1													51	51	16												
38/ 37	1.1	3.4	3.1	1.1														77	77	31												
36/ 35	1.1	2.7	3.6	.9														74	74	63												
34/ 33	.1	2.3	2.3	3.8	.6													80	80	77												
32/ 31	.5	1.6	3.3	3.1	.3													77	77	80												
30/ 29	.1	1.6	5.0	3.6	.5													95	95	77												
28/ 27	.1	2.4	4.2	3.6														91	91	95												
26/ 25		1.4	1.9	.8														36	36	98												
24/ 23		1.4	2.1	1.0														40	40	79												
22/ 21		1.0	4.3	.2														49	49	52												
20/ 19	.1	2.0	2.0	.1														38	38	41												
18/ 17	.1	1.8	.9	.1														26	26	60												
16/ 15		1.2	1.8															27	27	35												
14/ 13		.2	.8															9	9	17												
12/ 11	.3	.5	.3															10	10	24												
10/ 9		.3	.9															11	11	8												
8/ 7		.1																1	1	12												
6/ 5		.2																2	2	1												
4/ 3																				2												
2/ 1		.5																4	4	3												
0/ -1		.3																3	3	3												
-2/ -3		.1																1	1	2												
-4/ -5	.1	.3																4	4	9												
-6/ -7	.2	.1																3	3	5												
-8/ -9																				9												
-10/-11																				5												
-12/-13																				6												
-14/-15																				8												
-16/-17																				1												
Element (X)	ΣX^2			ΣX			\bar{X}	σ_x	No. Obs.																							

PSYCHROMETRIC SUMMARY

MAR

PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-23																					3
-24/-25																					4
-26/-27																					2
TOTAL	1.72	1.88	8.02	8.9	9.2	.5													885		885
																		885		885	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

MAR
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point						
46/ 45					.3															3	3					
44/ 43			.2	.1	.2															5	5					
42/ 41			.3	.7	.3															12	12					
40/ 39		.1	1.9	1.7	.2															35	35	3				
38/ 37		.9	3.2	1.0	.2	.1														49	49	11				
36/ 35		2.7	4.8	2.1	.1															87	87	44	2			
34/ 33	.1	2.7	2.7	.7	.2															57	57	72	12			
32/ 31	.1	2.8	2.7	1.3																62	62	83	24			
30/ 29	.4	2.9	5.0	1.3																87	87	67	60			
28/ 27	.2	5.3	5.0	.7																101	101	79	62			
26/ 25	.6	3.5	4.1	.9																82	82	102	66			
24/ 23	.2	1.8	3.2	.6																52	52	88	51			
22/ 21	.6	2.9	3.4	.3																65	65	62	65			
20/ 19	.4	2.1	1.3																	35	35	67	70			
18/ 17		2.2	1.0																	29	29	51	50			
16/ 15	.3	1.8	1.0																	28	28	35	68			
14/ 13	.2	1.4	.4																	19	19	23	50			
12/ 11	.4	1.9	.9																	22	29	21	48			
10/ 9	.2	1.7	.9																	25	25	21	56			
8/ 7	.2	.9	.1																	11	11	24	43			
6/ 5	.1	.4																		5	5	10	38			
4/ 3	.1	.8																		8	8	7	34			
2/ 1	.2	.3																		5	5	10	16			
0/ -1	.2	.2																		4	4	3	9			
-2/ -3		.1																		1	1	2	13			
-4/ -5	.2	.1																		3	3	4	12			
-6/ -7		.1																		1	1	1	5			
-8/ -9	.2																			2	2	2	15			
-10/-11	.1																			1	1	1	3			
-12/-13	.1																			1	1	1	7			
-14/-15	.1																			1	1	1	10			
-16/-17																							7			
-18/-19																							1			
-20/-21																							3			
Element (X)	Σx^2				Σx				\bar{x}				s_x				No. Obs.				Mean No. of Hours with Temperature					
Rel. Hum.																					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$
Dry Bulb																										Total
Wet Bulb																										
Dew Point																										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

USAFETAC FC 100-101 (1 JUL 81) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

07-76

MAR
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
46/ 45							.1											1	1		
42/ 41				.2	.1													3	3		
40/ 39		.2	.7															15	15		
38/ 37		.9	1.8	.7	.1													31	31	4	
36/ 35	.2	3.1	3.9	.1														66	66	25	
34/ 33	.4	3.0	3.2	.1														61	61	71	
32/ 31		3.7	1.9	.2														52	52	68	
30/ 29	.4	3.3	3.0	.6	.1													67	67	59	
28/ 27	.4	5.3	2.0	.9														78	78	50	
26/ 25	.9	5.0	3.7	.1														87	87	87	
24/ 23	.6	4.9	2.0	.1														68	68	91	
22/ 21	.6	4.7	2.4															69	69	73	
20/ 19	.8	3.8	2.0															59	59	71	
18/ 17	.3	4.0	.4															43	43	58	
16/ 15	.3	2.0	.8															28	28	47	
14/ 13	.1	2.6	.8															31	31	29	
12/ 11	.3	1.1	.3															16	16	32	
10/ 9	.4	2.0	.4															26	26	22	
8/ 7	.3	2.8																28	28	22	
6/ 5	.7	1.2																17	17	29	
4/ 3	.2	1.4																15	15	13	
2/ 1	.3	.9																11	11	15	
0/ -1	.6	.1																6	6	12	
-2/ -3	.2	.4																6	6	6	
-4/ -5	.3	.4																7	7	5	
-6/ -7		.1																1	1	3	
-8/ -9	.1																	1	1	1	
-10/-11	.3																	3	3	3	
-12/-13	.2																	2	2	2	
-14/-15	.1																	1	1	1	
-16/-17	.1																	1	1	1	
-18/-19																					
-20/-21																					
-22/-23																					
Element (X)	ΣX ²			ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total	
Dry Bulb																					
Wet Bulb																					
Dew Point																					

PSYCHROMETRIC SUMMARY

MAR
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

ADP

STATION

STATION NAME

YEARS:

MONTH

0000-0300

HOURS (L, S, T)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

67-76

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL	Dry Bulb	Wet Bulb	Dew Point	
48/ 47						.1												1	1			1	1			
46/ 45						.1												1	1			1	1			
44/ 43					.2													2	2			2	2			
42/ 41				.2	.2													4	4			4	4			
40/ 39		.7	1.7	1.0														30	30			30	30			
38/ 37		2.7	2.1	1.7														57	57	14		57	57	14		
36/ 35	.6	4.8	4.8	.7														95	95	51	15	95	95	51	15	
34/ 33	.8	1.1	6.4	1.6														174	174	102	17	174	174	102	17	
32/ 31	1.1	7.1	4.5	1.9														128	128	167	72	128	128	167	72	
30/ 29	1.1	4.8	3.8	.5														89	89	131	93	89	89	131	93	
28/ 27	.2	5.5	3.8	.2														85	85	94	116	85	85	94	116	
26/ 25	.2	3.3	3.4	.3														64	64	103	102	64	64	103	102	
24/ 23		2.7	.9															32	32	47	69	32	32	47	69	
22/ 21		2.7	.8															31	31	49	67	31	31	49	67	
20/ 19		1.0	.6															14	14	30	61	14	14	30	61	
18/ 17		1.1	1.3															21	21	18	50	21	21	18	50	
16/ 15	.1	.9	.1															10	10	22	39	10	10	22	39	
14/ 13	.1	1.0	.1															11	11	12	43	11	11	12	43	
12/ 11		1.0																9	9	15	34	9	9	15	34	
10/ 9	.1	1.5																14	14	5	22	14	14	5	22	
8/ 7		.1																1	1	12	24	1	1	12	24	
6/ 5	.1	.1																2	3	2	12	2	3	2	12	
4/ 3		.1																1	1	1	14	1	1	1	14	
2/ 1																				1	8			1	8	
0/ -1																					10				10	
-2/ -3																					5				5	
-4/ -5																					1				1	
-6/ -7																					1				1	
-8/ -9																					1				1	
TOTAL	4.6	52.4	34.1	8.2	.5	.2														877		876			876	
																		876								
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.	4773866		63658		72.7		13.001		876		Σ 0 F		Σ 32 F		Σ 67 F		Σ 73 F		Σ 80 F		Σ 93 F		Total			
Dry Bulb	816893		26105		29.8		6.744		877				52.6										90			
Wet Bulb	690325		23945		27.3		6.397		876				72.8										90			
Dew Point	475775		19057		21.8		8.363		876		1.8		86.7										90			

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PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
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26401 ELMENTDORF AFB ALASKA/ANCHORAGE

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0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
58/ 57							.1											1															1				
56/ 55							.1	.1										2															2				
54/ 53							.3											3															3				
52/ 51						.5	.2											6															6				
50/ 49					.3	.6	.2											10															10				
48/ 47				.3	1.0	.7	.2											20															20				
46/ 45				.8	2.7	1.3												41															41		1		
44/ 43			.8	2.4	3.0	.6												59															59		2		
42/ 41		.1	1.5	4.1	2.0	.1												67															67		15		
40/ 39		.9	5.2	4.0	3.3	.1												116															116		39		
38/ 37	.2	1.3	4.9	5.6	2.4													124															124		89	6	
36/ 35	.3	2.4	4.5	3.4	1.4													104															104		147	11	
34/ 33	.8	2.7	3.0	2.6	.2													80															80		125	46	
32/ 31		1.5	3.0	2.0	.2													58															58		129	61	
30/ 29		1.3	1.7	1.9	.1													43															43		88	92	
28/ 27		.7	1.5	.9														27															27		63	105	
26/ 25	.2	.9	2.1	.5														32															32		36	85	
24/ 23		.8	2.2															26															26		37	88	
22/ 21		.6	.8															12															12		33	64	
20/ 19	.2	.8	.9															17															17		25	45	
18/ 17		.8	.1															8															8		15	72	
16/ 15		.1	.1															2															2		12	49	
14/ 13																																				2	35
12/ 11																																				25	
10/ 9																																				34	
8/ 7																																				15	
6/ 5																																				8	
4/ 3																																				12	
2/ 1																																				5	
TOTAL	1.9	15.0	32.6	28.4	16.8	3.8	1.3	.1											858														858		858		
Element (X)	Σ x ²			Σ x			Σ	Σ	No. Obs.			Mean No. of Hours with Temperature										Total															
Rel. Hum.	3260706			51298			59.8	15.034	858			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						90														
Dry Bulb	1157004			30926			36.0	7.025	858				23.6										90														
Wet Bulb	872407			26897			31.3	5.840	858				46.2										90														
Dew Point	491482			19460			22.7	7.647	858				83.4										90														

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1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
66/ 65									.1	.1								2	2		
62/ 61								.1										1	1		
60/ 59							.1	.1	.6									7	7		
58/ 57							.5											4	4		
56/ 55							.2											2	2		
54/ 53					.1	.3		.1										5	5		
52/ 51					.2	1.0	.5											15	15		
50/ 49					1.1	2.5	1.3											43	43	1	
48/ 47				.1	2.1	3.4	.7											55	55	3	
46/ 45				1.6	3.8	5.0	.1											92	92	8	
44/ 43		.5	.2	4.0	2.3	1.8												77	77	13	
42/ 41		.1	2.1	4.0	5.3	1.8												116	116	31	
40/ 39		1.0	3.9	4.9	3.0	1.1												122	122	69	
38/ 37	.3	2.5	3.1	2.9	1.7													92	92	158	
36/ 35	.1	2.4	2.5	1.6	1.1	.2												70	70	155	
34/ 33		1.6	.9	2.3	1.0	.2												53	53	160	
32/ 31	.1	1.3	.7	.9	.7													32	32	84	
30/ 29		.5	.9	1.0	.2													23	23	56	
28/ 27		1.3	2.7	1.1														45	45	38	
26/ 25		.9	.6															13	13	41	
24/ 23		.3																3	3	40	
22/ 21	.1	.1																2	2	17	
20/ 19																				81	
18/ 17																				57	
16/ 15																				41	
14/ 13																				27	
12/ 11																				28	
10/ 9																				18	
8/ 7																				22	
6/ 5																				6	
4/ 3																				6	
TOTAL	.7	12.5	17.6	24.5	22.7	17.6	3.3	.3	.7	.1								874	874	874	
																		874	874		
Element (X)	Σ x ²		Σ x		Σ		Σ x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	2789686		47154		54.0		16.774		874		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90				
Dry Bulb	1438013		34951		40.0		6.797		874				12.2				90				
Wet Bulb	1026878		29630		33.9		5.062		874				28.4				90				
Dew Point	527718		20538		23.5		7.187		874				83.5				90				

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PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
62/ 61								.2										2	2						
60/ 59								.1										1	1						
58/ 57							.1	.1	.1									3	3						
56/ 55							.1	.1										2	2						
54/ 53						.3												3	3						
52/ 51					.1	.5	.1											6	6						
50/ 49					.5	.5	.1											9	9						
48/ 47			.1	.1	.9	1.1	.3											23	23		2				
46/ 45			.2	1.3	2.1	1.6	.1											40	46		3				
44/ 43			.6	2.9	3.3	1.4												71	71		8				
42/ 41		.6	2.1	3.4	3.7	.9												93	93		13				
40/ 39		.9	4.1	5.6	2.3	.5												117	117		48		1		
38/ 37	.1	2.6	6.3	5.2	1.9	.1												142	142		89		7		
36/ 35	.6	4.4	3.7	2.4	1.1													106	106		162		18		
34/ 33	.7	4.1	2.7	1.3	.5													81	81		188		41		
32/ 31		1.8	1.9	1.8	.6													54	54		125		78		
30/ 29		.6	1.9	.3	.1													26	26		75		119		
28/ 27		1.8	1.1	1.4														38	38		43		109		
26/ 25	.1	1.1	2.1	.6														34	34		46		85		
24/ 23		.6	.6															10	10		29		77		
22/ 21	.1	.2	.1															4	4		28		86		
20/ 19		.1	.1															2	2		11		70		
18/ 17																								49	
16/ 15																								46	
14/ 13																								19	
12/ 11																								20	
10/ 9																								16	
8/ 7																								16	
6/ 5																								9	
4/ 3																								5	
2/ 1																								2	
TOTAL	1.6	18.9	27.7	26.2	17.1	6.9	.9	.6	.1									873	873				873		
																		873		873					
Element (X)	Σx ²		Σx		Σ		Σ _x		No. Obs.		Mean No. of Hours with Temperature												Total		
Rel. Hum.	3390528		52486		60.1		6.416		873		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							90		
Dry Bulb	1256359		32667		37.4		6.243		873			17.3											90		
Wet Bulb	947328		28432		32.6		4.948		873			37.1											90		
Dew Point	543462		20892		23.9		7.062		873			83.1											90		

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
60/ 59						.1	.1											2	2						
58/ 57				.1		.2												3	3						
56/ 55					.1		.1											2	2						
54/ 53			.3	.1	.4	.4	.1											13	13						
52/ 51		.1	.2	.7	.8	.3												19	19		2				
50/ 49		.2	1.4	1.8	.9	.7												45	45		8				
48/ 47		1.2	2.8	3.1	2.6	.2												89	89		12	2			
46/ 45		1.8	5.5	5.9	3.0	.1												146	146		42	12			
44/ 43		1.7	5.5	8.1	.8													144	144		86	15			
42/ 41		2.1	5.5	3.9	.2													105	105		99	27			
40/ 39		2.7	8.1	2.3	.1													119	119		159	69			
38/ 37	.1	4.7	5.9	1.8														112	113		179	62			
36/ 35	.1	3.3	2.6	.3														57	57		153	80			
34/ 33		1.6	1.4	.4														31	31		97	152			
32/ 31	.1	.1	.7	.2														10	10		46	150			
30/ 29		.1	.1															2	2		8	153			
28/ 27																					7	98			
26/ 25																					1	39			
24/ 23																							18		
22/ 21																							14		
20/ 19																							7		
18/ 17																							1		
TOTAL	.3	19.6	39.9	28.8	8.9	2.1	.3											899	900		899	899			
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.	4381021		61841		68.8		1.895		899		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	1640035		38169		42.4		4.866		900			1.2					93								
Wet Bulb	1330034		34382		38.2		4.101		899			6.4					93								
Dew Point	973746		29242		32.5		5.015		899			49.7					93								

PSYCHROMETRIC SUMMARY

MAY

[illegible]

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				Dry Bulb	Wet Bulb	Dew Point	
78/ 77												.1									1	1		
76/ 75											.1										1	1		
74/ 73										.1											1	1		
70/ 69								.1	.1												2	2		
68/ 67								.1	.2	.1											4	4		
66/ 65							.1	.8	.1												9	9		
64/ 63						.1	.6	.1	.1												8	8		
62/ 61					.4	.3	2.0	1.1	.6												40	40		
60/ 59					.2	1.1	.9	1.9	.6												42	42		
58/ 57					.4	2.4	2.8	2.6	.2												75	75	1	
56/ 55	.1		.1	1.6	4.2	4.7	.8	.1													103	103	3	
54/ 53	.3	.1	1.1	2.4	4.4	2.7	.2														100	100	15	
52/ 51	.1	.8	1.5	2.6	6.3	2.5	.4														126	126	19	
50/ 49	.3	1.1	1.2	4.5	2.7	1.0															97	97	51	
48/ 47		.4	2.9	5.6	3.0	.8															114	114	80	
46/ 45	.6	1.7	2.9	3.6	.7	.2															86	86	155	
44/ 43	.2	1.3	2.8	.4	.1	.1															45	45	150	
42/ 41	.2	.7	1.0	.4																	21	21	162	
40/ 39	.8	.1	.2																		10	10	135	
38/ 37	.4	.1																			5	5	89	
36/ 35	.1																				1	1	23	
34/ 33																							8	
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
20/ 19																								
18/ 17																								
16/ 15																								
TOTAL	3.3	6.4	13.8	22.2	25.3	18.4	8.2	2.0	.2	.1	.1										891	891	891	
																						891	891	
Element (X)	Σ x ²		Σ x		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature													
Rel. H. %	2288072		43414		48.7		13.931		891		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	2420950		46152		51.8		5.842		891				.9	.3			93							
Wet Bulb	1669182		38392		43.1		4.095		891								93							
Dew Point	951730		28622		32.1		6.074		891			49.2					93							

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PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		
80/ 79																		2	2					
78/ 77											.1	.1						1	1					
70/ 69										.1								1	1					
68/ 67								.1	.3	.1								5	5					
66/ 65							.2	.1	.5	.1	.6							12	12					
64/ 63						.3	.1	1.0	.7	.1								20	20					
62/ 61					.1	1.1	1.1	.6	.2	.3								31	31					
60/ 59				.2	.6	1.5	1.6	2.4	.5									59	59		1			
58/ 57					.6	2.4	2.3	2.3	.1									67	67		2			
56/ 55			.2	.3	1.6	3.3	4.4	1.8										103	103		1			
54/ 53			.1	1.1	2.3	3.6	4.9	.8										113	113		13			
52/ 51			.8	1.4	2.5	3.5	4.4	.1										112	113		30			
50/ 49			.9	1.5	4.1	3.7	1.8											106	108		48		3	
48/ 47		.7	.5	2.3	2.9	2.5	.5											82	82		87		3	
46/ 45		.7	1.6	3.1	3.5	1.1	.1											89	89		140		7	
44/ 43		.6	.9	2.1	1.0	.1												42	42		152		29	
42/ 41		.7	1.0	.6	.1													21	21		151		50	
40/ 39		.7	.2	.2														10	10		144		50	
38/ 37		.5	.1															5	5		82		61	
36/ 35		.2	.2															4	4		28		87	
34/ 33																					5		94	
32/ 31																					1		110	
30/ 29																							103	
28/ 27																							107	
26/ 25																							82	
24/ 23																							33	
22/ 21																							31	
20/ 19																							24	
18/ 17																							8	
16/ 15																							3	
TOTAL		4.0	6.6	12.8	19.2	23.2	21.4	9.5	2.0	1.1	.2	.1						885		888		885		885
Element (X)	Σ x ²		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x		Σ x	
Rel. Hum.	2220422		42302		47.81		14.982		885		≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total	
Dry Bulb	2444257		46271		52.1		6.119		883						.9		.3						93	
Wet Bulb	1663231		38187		43.1		4.187		885				.1										93	
Dew Point	927319		28095		31.7		6.330		885				52.0										93	

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PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 67-76

MAY
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL F B.W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31			Dry Bulb	Wet Bulb	Dew Point	
76/ 75										.1								1	1				
74/ 73										.2								2	2				
70/ 69								.1										1	1				
68/ 67								.1										1	1				
66/ 65							.1	.1	.3									5	5				
64/ 63						.1	.2	.7	.2	.1								12	12				
62/ 61					.2	.8	.4	.2	.3	.1								19	19				
60/ 59					.2	.8	.6	1.0	.3									26	26				
58/ 57				.2	1.0	1.6	1.6	1.3	.1									52	52	1			
56/ 55				.6	1.0	2.1	1.9	1.2										61	61	3			
54/ 53			.4	.9	2.2	4.2	2.6	.3										95	95	7			
52/ 51			.6	2.4	3.5	3.6	2.9											115	115	20			
50/ 49			1.0	2.1	4.3	4.5	1.3	.1										119	119	39	1		
48/ 47		.6	1.0	3.0	4.8	2.7	.3											111	111	54	1		
46/ 45		.8	1.8	4.0	4.5	1.3	.1											112	112	122	11		
44/ 43		.3	2.6	4.5	.7	.6												77	77	136	28		
42/ 41		.9	1.9	1.6	.4													43	43	171	51		
40/ 39		1.8	.9	.4	.1													29	29	170	50		
38/ 37		.3																3	3	115	61		
36/ 35	.1	.3	.2															6	6	43	107		
34/ 33	.1																	1	1	7	93		
32/ 31																				3	119		
30/ 29																					124		
28/ 27																					85		
26/ 25																					74		
24/ 23																					42		
22/ 21																					23		
20/ 19																					13		
18/ 17																					6		
16/ 15																					1		
14/ 13																					1		
TOTAL	.2	5.1	10.4	19.8	23.0	22.2	12.1	5.3	1.3	.6								891	891	891			
																		891		891			
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel Hum.	2661413		46747		52.5		5.317		891		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93						
Dry Bulb	2248380		44444		49.9		5.946		891					.3			93						
Wet Bulb	1596222		37534		42.1		4.116		891				.3				93						
Dew Point	951768		28622		32.1		6.027		891			50.9					93						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 2100-2300
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

66-75

JUN

STATION

STATION NAME

YEARS

MOL-TN

PAGE 1

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUNE
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

26401	ELMENDORF AFB ALASKA/ANCHORAGE
STATION	STATION NAME

66-75

JUN
MONTH

PAGE 1

0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

26401	ELMENDORF AFB ALASKA/ANCHORAGE
STATION	STATION NAME

66-75

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L, S, T.)

[illegible]

2

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

55-75

JUL 1964

STATION

STATION NAME

YEARS

MONTH

1 1200-1400

HOURS (L, S, T.)

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(11/71)

PSYCHROMETRIC SUMMARY

YEARS

JULI

PAGE 1

1500-1700
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

JUN
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
86/ 85													.1							1	1			
84/ 83												.1								1	1			
82/ 81										.1		.1								2	2			
80/ 79													.1							1	1			
78/ 77										.1										1	1			
74/ 73								.1	.2	.2										5	5			
72/ 71							.3	.6	.2		.1	.1								4	4			
70/ 69							.9	.7	.2		.2									12	12			
68/ 67				.1	.2		.9	.7	.1	.1										19	19			
66/ 65				.1	.1	.6	1.3	.7	.6											29	29			
64/ 63				.5	.8	2.8	1.1	.8	.1											53	53	1		
62/ 61				.9	2.2	3.1	1.7	1.4												81	81	3		
60/ 59			.6	1.8	4.0	3.4	2.4	.7												113	113	8		
58/ 57	.3	.8	4.3	5.7	3.2	1.1	.1													136	136	15		
56/ 55	.2	2.3	4.3	4.6	2.0	1.1														126	126	51	3	
54/ 53	.5	3.0	4.7	3.6	1.1	.6														117	117	107	13	
52/ 51	.5	3.9	3.7	2.0	.9															95	95	147	22	
50/ 49	.3	2.0	.8	.5	.2															33	33	178	36	
48/ 47	1.7	.5	.6	.1	.2															27	27	178	85	
46/ 45	.6	.3	.5																	12	12	116	135	
44/ 43	.2																			2	2	44	150	
42/ 41																						16	115	
40/ 39																						5	99	
38/ 37																						1	59	
36/ 35																							53	
34/ 33																							46	
32/ 31																							21	
30/ 29																							17	
28/ 27																							9	
26/ 25																							6	
24/ 23																							1	
TOTAL	4.4	13.3	22.2	23.8	17.6	10.7	5.1	1.5	.6	.3	.3	.2								870	870	870		
																				870		870		
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.	3123093		50633		58.2		14.244		870		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90							
Dry Bulb	2872295		49755		57.2		5.556		870				4.8	1.1	.5		90							
Wet Bulb	2145019		43077		49.5		3.734		870								90							
Dew Point	1546767		36367		41.8		5.531		870				5.6				90							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

26401 ELMENTORF AFB ALASKA/ANCHORAGE

66-75

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75									.1									1	1				
72/ 71								.1	.1									2	2				
70/ 69								.1	.1									2	2				
68/ 67						.1	.2											3	3				
66/ 65						.1	.1	.2										4	4				
64/ 63				.1	.5	.6	.8	.2	.1									20	20				
62/ 61			.1	.5	.9	1.5	.3											29	29				
60/ 59			.8	.8	1.4	1.7	.5	.2										47	47	1			
58/ 57		.2	2.2	2.6	3.0	1.5	.7	.1										90	90	9			
56/ 55		1.1	2.6	6.9	2.9	2.5	.1											141	141	20	1		
54/ 53		.8	5.0	6.8	3.5	1.1	.3											154	154	61	13		
52/ 51		1.1	7.8	4.5	2.7	.8												148	148	103	22		
50/ 49		1.6	6.2	3.2	1.5	.5												113	113	172	48		
48/ 47		2.6	3.1	1.6	.9	.2												74	74	183	68		
46/ 45		1.7	1.7	.7	.3													39	39	171	156		
44/ 43		.1	.5	.2														7	7	93	157		
42/ 41																				40	117		
40/ 39																				17	85		
38/ 37																				4	71		
36/ 35																					49		
34/ 33																					32		
32/ 31																					32		
30/ 29																					13		
28/ 27																					8		
26/ 25																					2		
TOTAL		9.4	30.0	27.8	17.6	10.6	3.1	1.0	.5											874	874	874	
																		874		874			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4028013		58171		66.6		13.381		874		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	2514719		46711		53.4		4.572		874				.8	.1			90						
Wet Bulb	2011931		41811		47.8		3.668		874								90						
Dew Point	1570116		36752		42.1		5.317		874			5.7					90						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAF/ETAC

PSYCHROMETRIC SUMMARY

YEARS

JUL
MONTH

0300-0500
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point			
70/ 69							.1											1	1						
68/ 67					.1	.2		.1										4	4						
66/ 65				.2	.7	.8	.4											18	18						
64/ 63				.4	1.9	.8												26	26						
62/ 61		.2	.7	2.7	2.6	1.1												62	62						
60/ 59		.2	1.9	4.6	3.0	.2												84	84		5				
58/ 57		.6	8.2	7.2	2.8	.2												161	162	31	4				
56/ 55		3.6	10.2	7.2	1.5	.1												191	191	92	8				
54/ 53		4.7	9.2	3.3	.6													151	151	189	32				
52/ 51		4.1	4.7	1.4														87	87	225	122				
50/ 49		1.1	2.4	.6														34	34	170	189				
48/ 47		1.2	.9															18	18	85	180				
46/ 45		.5	.2															6	6	33	137				
44/ 43		.2																2	2	13	103				
42/ 41																				2	36				
40/ 39																					23				
38/ 37																					10				
36/ 35																					1				
TOTAL		16.4	38.5	27.7	13.3	3.6	.5	.1										845	846	845	845				
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Ref. Hum.	4691438		62330		73.8		10.541		845		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	2663439		47349		56.0		3.983		846						.5								93		
Wet Bulb	2244855		43479		51.5		3.014		845														93		
Dew Point	1913856		40100		47.5		3.591		845														93		

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

JUL
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81										.1																							1	1			
80/ 79								.1	.1	.2																						4	4				
78/ 77								.1	.4	.2																						6	6				
76/ 75							.4	.8	.5	.2																						16	16				
74/ 73						.2	1.4	1.1	.5	.1																						28	28				
72/ 71						.6	1.2	1.9	.8	.1																						39	39				
70/ 69					.2	1.5	1.9	1.7	.5																							49	49				
68/ 67				.1	.9	2.2	3.9	1.1																								70	70				
66/ 65			.1	.5	1.3	5.4	2.4	.8																								89	89	1			
64/ 63				1.5	3.3	5.0	1.5	.6																								101	101	9			
62/ 61			.5	4.1	9.2	2.8	.9	.1																								150	151	38			
60/ 59		.2	2.1	5.2	3.1	1.5	.5																									107	107	57	1		
58/ 57		.8	3.0	2.1	2.2	.5	.2																									75	75	115	6		
56/ 55		1.4	3.1	1.5	.5	.4																										58	58	208	20		
54/ 53			.9	1.2																												30	30	218	77		
52/ 51		1.1	.7	.2																												17	17	98	110		
50/ 49		.1	.5																													5	5	69	179		
48/ 47																																		28	147		
46/ 45																																		4	145		
44/ 43																																			67		
42/ 41																																			38		
40/ 39																																			31		
38/ 37																																			16		
36/ 35																																			8		
TOTAL		5.1	10.9	16.6	20.8	20.2	14.3	8.3	2.7	1.1																							845	846	845	845	
Element (X)	Σ x ²					Σ x					Σ					Σ x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.	3129575					50085					59.313.808					845					Σ 0 F					Σ 32 F					Σ 67 F						
Dry Bulb	3376201					53223					62.915.743					846					Σ 73 F					Σ 80 F					Σ 93 F						
Wet Bulb	2535713					46201					54.713.379					845					Σ 100 F					Σ 100 F					Σ 100 F						
Dew Point	1943430					40368					47.814.207					845					Σ 100 F					Σ 100 F					Σ 100 F						

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1800-2000
HOURS (L. S. T.)

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USAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

66-75

AUG
MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

06-75

AUG
MONTH

PAGE 1 0600-0800

HOURS (L, S, T.)

PSYCHROMETRIC SUMMARY

AUG

YEARS

MONTH

HOURS (L. S. Y.)

[illegible]

PSYCHROMETRIC SUMMARY:

YEARS

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B., W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
80/ 79									.2									2	2					
78/ 77									.1									1	1					
76/ 75									.1									2	2					
74/ 73									.2									2	2					
72/ 71					.1	.2	.8	1.0										19	19					
70/ 69				.7	1.2	1.5	.8	.1										36	36					
68/ 67				.2	1.1	2.2	1.5	.4										50	50					
66/ 65				.6	3.4	3.9	1.4	.6	.2									91	91					
64/ 63			.3	3.0	4.2	3.6	1.3	1.1	.1									124	124	3				
62/ 61		.2	1.1	3.6	5.3	3.5	.8	.7	.1									139	139	11				
60/ 59		.2	3.6	6.3	2.4	2.0	1.2	.4	.7	.3								156	156	56				
58/ 57		1.2	3.4	4.5	1.9	.8	.6	.3										115	115	132				
56/ 55		2.0	4.3	2.4	.8	.1	.3	.3										93	93	186				
54/ 53		1.0	2.3	.7	.2	.2		.2										42	42	187				
52/ 51		.9	2.1															27	27	166				
50/ 49		.1	.4															5	5	78				
48/ 47		.3																4	4	52				
46/ 45						.1														21				
44/ 43																				10				
42/ 41																				4				
40/ 39																				1				
38/ 37																				1				
36/ 35																								
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
20/ 19																								
18/ 17																								
16/ 15																								
14/ 13																								
Element (X)	ΣX ²			ΣX			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

AUG

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

06-75

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B.W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point							
82/ 81										.1	.1							2	2								
80/ 79									.1									1	1								
76/ 75								.1										1	1								
74/ 73							.2	1.0	.2									13	13								
72/ 71					.2		.7	.7	.2									16	16								
70/ 69					.3	1.5	1.7	.7										38	38								
68/ 67				.1	1.2	2.6	2.8	.8										68	68								
66/ 65				1.3	3.2	3.5	2.3	1.1	.6									109	109								
64/ 63		.1	.2	2.2	4.2	3.2	1.0	.8	.3									109	109	5							
62/ 61			1.8	3.4	5.8	2.9	1.0	1.0	.2	.3								149	149	15							
60/ 59		.9	2.9	5.3	3.5	1.2	1.3	.6	.2									144	144	62	3						
58/ 57		2.4	3.2	3.4	1.5	.7	.3	.1	.2									108	108	143	7						
56/ 55		1.8	4.3	2.6	.6	.3	.1	.1										89	89	209	39						
54/ 53		1.5	1.9	.9	.1													40	40	175	101						
52/ 51		.3	1.1	.3														16	16	148	130						
50/ 49																				85	150						
48/ 47		.3																3	3	46	159						
46/ 45																				9	132						
44/ 43																				8	61						
42/ 41																				1	29						
40/ 39																					22						
38/ 37																					26						
36/ 35																					11						
34/ 33																					10						
32/ 31																					7						
30/ 29																					7						
28/ 27																					2						
26/ 25																					2						
24/ 23																					1						
22/ 21																					4						
20/ 19																					1						
18/ 17																					1						
16/ 15																					1						
Element (X)	ΣX^2				ΣX				\bar{X}				σ_x				No. Obs.				Mean No. of Hours with Temperature						Total
Rel. Hum.																					$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

PSYCHROMETRIC SUMMARY

66-75

AUG

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

66-75

AUG

PAGE 1 1800-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

66-75

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

66-75

SEP

PAGE 1 0000-0200
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

MONTH

0300-0500
HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

66-75

SEP
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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SEP

PAGE 1 0900-1100
 HCURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENTORF AFB ALASKA/ANCHORAGE 66-75

YEARS

SEP
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69					.1		.2	.1	.1									1	1					
66/ 65					.2		.2	.6	.2									5	5					
64/ 63					.2		.2	.6	.2									11	11					
62/ 61			.2		.6	.5	1.3	.6	.1									28	28					
60/ 59			.7	1.5	2.5	2.4	1.1	.2										74	74					
58/ 57		.5	.9	2.9	3.3	2.9	.5	.1										96	96	4				
56/ 55		.2	1.1	4.5	4.9	2.3		.3										117	117	18	3			
54/ 53		1.6	2.7	7.8	2.4	.9	.5	.3										142	142	30	7			
52/ 51		1.5	4.9	4.6	1.5	1.3	.6	.2										127	127	106	11			
50/ 49		1.9	4.1	1.9	.9	.6	.9	.1										92	92	168	40			
48/ 47		2.6	3.2	.9	.9	1.0	.7	.1										83	83	216	57			
46/ 45	.2	1.4	1.6	.8	.8	1.0	.2											53	53	112	118			
44/ 43		.2	.9	.2	.7	.7												24	24	67	124			
42/ 41	.3	.1	.3		.1	.1												9	9	53	133			
40/ 39	.2		.1															3	3	37	119			
38/ 37	.2	.1	.5															7	7	27	62			
36/ 35	.2	.2																4	4	28	46			
34/ 33																				10	32			
32/ 31																					21			
30/ 29																					18			
28/ 27																					14			
26/ 25																					6			
24/ 23																					16			
22/ 21																					19			
20/ 19																					14			
18/ 17																					5			
16/ 15																					9			
12/ 11																					2			
TOTAL	1.3	10.4	21.3	25.0	18.9	13.6	6.2	2.9	.5									876	876	876	876			
Element (X)	Σ x ²				Σ x				Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature								Total				
Rel. Hum.	3755401				55495				63.4	16.554	876	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb	2463005				46225				52.8	5.214	876			.1						90				
Wet Bulb	1923967				40853				46.6	4.629	876									90				
Dew Point	1436901				34839				39.8	7.660	876			12.7						90				

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

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SEP

PAGE 1

1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point			
68/ 67						.1	.2	.1	.1	.2								7	7					
66/ 65						.2	.1	.9										11	11					
64/ 63				.2		.7	.5	1.0	.1									22	22					
62/ 61			.1	.2	.5	1.3	1.0	.7										33	33					
60/ 59		.1	.6	.9	1.8	2.1	.9	.1										57	57					
58/ 57		.6	.7	1.7	4.9	3.7	.5		.2									107	107	7				
56/ 55		.2	3.1	4.6	5.7	1.7	.2	.7										142	142	17	5			
54/ 53		1.8	4.7	6.1	2.3	.2	.5	.5										140	140	36	4			
52/ 51		.9	5.8	2.3	1.7	1.1	.8	.3										114	114	120	21			
50/ 49		2.4	4.0	1.7	.5	.7	1.3	.1										93	93	201	43			
48/ 47		1.9	2.2	1.5	.5	1.1	.5											67	67	201	60			
46/ 45		1.0	1.3	.7	.5	.8	.5											41	41	96	131			
44/ 43		.5	1.1			.5												18	18	47	140			
42/ 41	.2	.7	.1		.2													11	11	53	111			
40/ 39	.1		.3	.2	.2													8	8	43	89			
38/ 37	.2																	2	3	26	83			
36/ 35		.3																3	3	19	46			
34/ 33																				9	32			
32/ 31																				1	13			
30/ 29																					12			
28/ 27																					6			
26/ 25																					13			
24/ 23																					19			
22/ 21																					13			
20/ 19																					16			
18/ 17																					13			
16/ 15																					3			
14/ 13																					3			
TOTAL	.6	10.5	24.0	20.1	18.7	14.2	6.8	4.5	.5	.2								876	877	876	876			
Element (X)	Σx ²			Σx			Σ	s _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	3733911			55163			63.0	17.245	876	≤ 0 F	≤ 32 F	≤ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2524586			46820			53.4	5.345	877			.7				90								
Wet Bulb	1960292			41244			47.1	4.590	876			.1				90								
Dew Point	1462337			35135			40.1	7.792	876			11.4				90								

PSYCHROMETRIC SUMMARY

66-75

YEARS

SEP
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PAGE 1 1800-2000
HOURS (L. S. T.)

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PSYCHROMETRIC SUMMARY

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OCT
MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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STATION

STATION NAME

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PAGE 1

0300-0500

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

YEARS

NET
MONTH

PAGE 2 0300-0500
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-75

OCT

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
60/ 59																				
54/ 53						.2												2	2	
52/ 51				.2														2	2	
50/ 49			.1	.1	.3													5	5	
48/ 47		.1	.4		.1													6	6	
46/ 45		.8	1.3	.6	.7													30	30	6
44/ 43		1.9	1.4	1.3	.4													46	46	20
42/ 41		2.0	1.9	1.1	.4													49	49	31
40/ 39	.6	2.7	2.2	.3	.6													57	57	49
38/ 37	.7	4.6	1.5	.3	.3													68	68	69
36/ 35	1.3	6.9	2.3	.3														98	98	90
34/ 33	2.5	5.6	2.0	.1	.1													94	95	115
32/ 31	1.1	6.0	1.8	.8	.3													90	90	87
30/ 29	1.2	2.7	1.2	.2														48	48	75
28/ 27	.9	4.9	1.5	.3														69	69	67
26/ 25	.9	3.6	1.0	.3														53	53	60
24/ 23	.3	4.4	.2															45	45	58
22/ 21	.8	2.5																30	30	53
20/ 19	.8	2.5																30	30	26
18/ 17	.7	1.7																21	21	27
16/ 15	.3	1.8																19	19	16
14/ 13	.3	.9																11	11	19
12/ 11		.8																7	7	11
10/ 9		.7																6	6	4
8/ 7	.1	.1																2	2	5
6/ 5	.1	.1																2	2	2
4/ 3	.3	.2																5	5	6
2/ 1	.2																	2	2	2
0/ -1	.3																	3	3	3
-2/ -3	.1																	1	1	1
-4/ -5		.3																3	3	3
-6/ -7																				
-8/ -9																				
-16/ -17																				
Element (X)	Σ x ²		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

PSYCHROMETRIC SUMMARY

26401 ELIENDORF AFB ALASKA/ANCHORAGE 66-75
STATION STATION NAME

OCT
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PAGE 2 0600-0800
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

OCT

STATION

STATION NAME

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0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL					
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
58/ 57							.1											1	1								
56/ 55					.3		.2											5	5								
54/ 53				.2		.1												3	3								
52/ 51				.2	.3													5	5								
50/ 49		.1	1.0	.2	.1	.4												17	17								
48/ 47		.3	1.1	1.2	.4	.5												33	33	6							
46/ 45		.7	1.8	1.2	.3	.2												38	38	20	1						
44/ 43		.9	2.3	1.4	1.1													52	52	24	4						
42/ 41	.1	3.0	3.7	1.5	.5	.2												83	83	43	17						
40/ 39		2.7	3.2	1.1	.2	.1												67	67	72	34						
38/ 37	1.5	4.3	2.5	1.0	.1													86	86	106	51						
36/ 35	2.0	4.0	3.3	1.1	.1	.1												96	96	94	77						
34/ 33	1.3	4.1	1.5	1.4	.3													97	97	97	81						
32/ 31		2.7	2.5	1.8														64	64	73	86						
30/ 29	.9	3.2	4.0	.4														77	77	77	81						
28/ 27	.3	3.4	.9	.4														46	46	79	55						
26/ 25	.4	2.9	1.3															42	42	75	59						
24/ 23	.5	1.8	.4															25	25	49	74						
22/ 21	.1	1.3	.9															21	21	25	62						
20/ 19	.1	.9	.1															10	10	15	57						
18/ 17	.2	1.5																16	16	18	37						
16/ 15		.5	.2															7	7	12	29						
14/ 13		.3																3	3	4	21						
12/ 11		.3	.1															4	4	6	20						
10/ 9	.3		.1															4	4	5	18						
8/ 7		.3																3	3	1	22						
6/ 5		.2																2	2	4	6						
4/ 3	.1	.1																2	2	3	5						
2/ 1																				1	3						
-2/ -3		.1																1	1	1							
-4/ -5																					3						
-8/ -9																					1						
-10/-11																					1						
-12/-13																					2						
Element (X)	ΣX^1			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F			≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																											
Wet Bulb																											
Dew Point																											

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

66-75

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PAGE 2 0900-1100
HOURS (L. S. T.)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

OCT

STATION

STATION NAME

YEARS

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PAGE 1

1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb Wet Bulb Dew Point						
62/ 61								.1										1	1					
60/ 59							.1											1	1					
58/ 57						.2												2	2					
56/ 55					.1	.4	.3											8	8					
54/ 53				.1	.2	.2	.4	.2										11	11					
52/ 51			.4	.9	1.2	1.2		.1										35	35					
50/ 49		1.0	.9	.9	.3	.1												29	29					
48/ 47		.2	.3	2.3	1.4	.6	.2											46	46	12				
46/ 45		.2	3.0	2.5	1.3	.4												68	68	32	1			
44/ 43		1.0	3.3	1.9	.8	.2	.3											68	68	34	6			
42/ 41	.1	1.1	3.2	3.0	.3	.3												73	73	92	15			
40/ 39	.6	3.2	3.9	2.9	.7													101	101	96	36			
38/ 37	.4	2.3	2.9	2.4	1.2													84	84	85	68			
36/ 35	.6	2.9	3.2	4.5	.7	.4												111	111	97	73			
34/ 33	.2	1.1	2.3	2.1	.6													57	57	91	80			
32/ 31	.1	2.3	1.9	1.7	.3													57	57	77	79			
30/ 29	.4	2.9	1.1	.6														45	45	85	71			
28/ 27	.4	1.2	1.3	.4														31	31	72	74			
26/ 25	.1	1.3	1.4															26	26	39	64			
24/ 23		.7	1.3															18	18	31	77			
22/ 21		.2	.7															8	8	20	43			
20/ 19		.4	.1															5	5	13	46			
18/ 17		.2	.6															7	7	9	32			
16/ 15		.2	.1															3	3	3	27			
14/ 13		.3	.2															5	5	9	25			
12/ 11			.1															1	1	1	22			
10/ 9			.1															1	1	3	21			
8/ 7		.1	.1															2	2		18			
6/ 5																				3	9			
4/ 3																					8			
2/ 1	.1																	1	1	1				
0/ -1																						1		
-6/ -7																						3		
-12/ -13																						2		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												Total	
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAF ETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

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HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

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HOURS (L, S, T.)

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USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

26401	ELMENDORF AFB ALASKA/ANCHORAGE
STATION	STATION NAME

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OCT

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USAF ETAC
AIR WEATHER SERVICE/MAC

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26401 ELMENDORF AFB ALASKA/ANCHORAGE

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STATION

STATION NAME

YEARS

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PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
52/ 51						.2												2	2					
50/ 49					.1	.3												4	4					
48/ 47					.1	.2												3	3					
44/ 43				.1														1	1	1				
42/ 41		.1	.1	.2														4	4	3				
40/ 39	.3	.3	.7	.6														17	17	9				
38/ 37		2.0	.3															20	20	6				
36/ 35	1.0	2.1	.8															34	34	43				
34/ 33	.8	3.0	1.2	.2														45	45	33				
32/ 31	.3	1.6	.9	.1														26	26	35				
30/ 29	1.4	2.7	.8	.1														43	43	34				
28/ 27	1.2	4.3	.3	.2														52	52	50				
26/ 25	.8	4.3	.6															49	49	49				
24/ 23	1.6	4.4																52	52	58				
22/ 21	2.2	3.4	.3	.1														52	52	63				
20/ 19	3.0	3.6	.5															61	61	60				
18/ 17	2.3	4.3	.1															58	58	60				
16/ 15	2.8	2.9	.3															52	52	55				
14/ 13	1.3	2.8	.3															38	38	36				
12/ 11	2.7	2.1																41	41	48				
10/ 9	1.4	1.5																25	25	29				
8/ 7	1.6	2.4																35	35	30				
6/ 5	1.2	2.0																27	28	27				
4/ 3	.9	2.9																33	37	28				
2/ 1	1.5	1.5																26	26	37				
0/ -1	1.4																	12	12	18				
-2/ -3	1.5	.1																14	14	13				
-4/ -5	1.4	.5																16	16	13				
-6/ -7	1.0																	9	9	13				
-8/ -9	.5																	4	5	4				
-10/-11	.6																	5	5	5				
-12/-13	.1																	1	1	1				
-14/-15																								
-16/-17																								
Element (X)	Σ X ²		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

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HOURS (L - S - T)

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U.S. AFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
50/ 49				.1		.3													4	4				
48/ 47				.2	.3														5	5				
46/ 45				.3	.2														5	5				
44/ 43			.3	.2	.2														7	7	3			
42/ 41		.1	1.3	.5	.1														17	17	5			
40/ 39	.1	.8	1.7	.2															25	25	12			
38/ 37	.5	1.4	1.0	.1															26	26	33	10		
36/ 35	.7	2.6	1.2	.2															40	40	37	17		
34/ 33	.7	2.8	.8	.2															39	39	45	28		
32/ 31		3.5	.9	.6															43	43	31	43		
30/ 29	.2	4.0	2.0	.2															55	55	43	33		
28/ 27	.6	5.9	1.5	.5															73	73	47	46		
26/ 25	.7	5.6	1.2	.2															66	66	92	40		
24/ 23	.9	5.5	.8																62	62	66	47		
22/ 21	2.0	4.7	.3																60	60	78	53		
20/ 19	3.3	4.7	.9																76	76	77	61		
18/ 17	1.3	2.0	1.4																40	40	46	75		
16/ 15	1.0	2.9	.2																36	36	40	75		
14/ 13	.8	2.9	.2																34	34	34	45		
12/ 11	.7	3.6	.1																38	38	35	39		
10/ 9	1.0	2.3	.3																32	32	39	39		
8/ 7	1.4	2.0	.1																30	30	37	37		
6/ 5	1.0	1.6																	23	23	29	27		
4/ 3	.2	1.2																	12	13	16	29		
2/ 1	.6	.5																	9	9	11	31		
0/ -1	.1																		1	2	2	26		
-2/ -3																						22		
-4/ -5																						19		
-6/ -7																						7		
-8/ -9																						2		
-10/-11																						1		
-12/-13																						4		
-14/-15																						2		
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 60 F	≤ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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0300-0500

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
54/-53																							
44/ 43			.1															1	1				
42/ 41			.1		.1													2	2				
40/ 39			.1	.2	.2	.1												6	6	2			
38/ 37		.1	.6		.1													7	7	1			
36/ 35		.3	.5															7	7	5	2		
34/ 33	.9	1.5	.6	.1														27	27	22	2		
32/ 31	.3	3.1	1.1															40	40	35	15		
30/ 29	.7	4.2	.8															50	50	37	31		
28/ 27	1.9	3.1	.5	.2														50	50	61	32		
26/ 25	.9	3.6	.3	.3														46	46	44	35		
24/ 23	1.7	3.1	.2															44	44	55	44		
22/ 21	1.6	4.0	.6	.2														56	56	43	38		
20/ 19	4.2	2.2	.3	.1														60	65	73	60		
18/ 17	2.8	1.4	.2															39	39	44	52		
16/ 15	2.2	1.6																33	33	35	69		
14/ 13	1.2	1.5																24	24	27	36		
12/ 11	2.2	2.3	.1															40	41	39	32		
10/ 9	2.2	3.3																48	49	39	32		
8/ 7	1.7	2.6																38	40	39	24		
6/ 5	1.4	1.8																28	32	36	30		
4/ 3	1.6	1.5																27	34	31	30		
2/ 1	2.0	2.3																38	40	29	35		
0/ -1	1.9	.8																24	26	37	26		
-2/ -3	2.6	.2																25	26	27	32		
-4/ -5	1.1	.2																12	15	10	30		
-6/ -7	1.5	.1																14	14	16	22		
-8/ -9	2.0	.5																22	22	21	30		
-10/-11	2.4	.2																23	23	22	14		
-12/-13	1.9	.3																20	20	19	16		
-14/-15	1.2																	11	11	14	18		
-16/-17	.3																	3	3	3	12		
-18/-19	.3																	3	3	3	20		
-20/-21	.5																	4	4	4	17		
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb		Dew Point		
48/ 47					.2													2	2				
46/ 45					.1													1	1				
40/ 39		.2	.1		.4													7	7	2			
38/ 37		.3	.7	.1	.1													11	11	4			
36/ 35	.2	.2	.4															8	8	6			
34/ 33	.2	2.1	.8															28	28	18			
32/ 31	.2	1.9	.8	.3														29	29	31			
30/ 29	.8	4.0	.8															50	50	37			
28/ 27	1.5	3.1	.3															44	44	51			
26/ 25	1.0	3.4	.6															44	44	47			
24/ 23	2.0	3.3	.4	.1														52	52	50			
22/ 21	2.7	3.5	1.1															65	65	62			
20/ 19	3.1	2.5	.4	.1														55	57	66			
18/ 17	3.4	2.7	.3															57	57	59			
16/ 15	1.8	1.8																32	32	35			
14/ 13	1.0	.9	.1															18	18	28			
12/ 11	2.0	2.4																39	39	35			
10/ 9	2.7	3.0																51	51	44			
8/ 7	1.3	2.6																35	35	37			
6/ 5	1.7	1.5																28	34	35			
4/ 3	2.2	1.2																31	32	32			
2/ 1	1.8	1.8																32	35	34			
0/ -1	3.3	.7																35	38	36			
-2/ -3	1.8	.2																18	21	22			
-4/ -5	2.0	.2																20	21	21			
-6/ -7	1.6	.6																19	22	15			
-8/ -9	1.9	.2																19	19	22			
-10/-11	1.5																	13	13	14			
-12/-13	1.9																	17	17	17			
-14/-15	1.8	.2																18	18	18			
-16/-17	.2																	2	2	2			
-18/-19	.3																	3	3	3			
-20/-21	.3																	3	4	3			
-22/-23	.6																	5	5	5			
Element (X)	ΣX ²		ΣX		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature											Total			
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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USAF ETAC
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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
48/ 47				.1	.1													2	2								
46/ 45					.2													2	2								
44/ 43				.2														2	2								
42/ 41			.1	.1														2	2	2							
40/ 39		.2	.1	.2	.1													6	6								
38/ 37		.6	.3															8	8	9							
36/ 35	.1	.9	.5	.2														15	15	8	2						
34/ 33	.1	1.3	1.4	.1														25	25	15	7						
32/ 31	.3	2.3	.5															27	27	26	11						
30/ 29	1.0	4.0	1.0															53	53	47	30						
28/ 27	1.3	4.1	.2	.1														50	50	49	31						
26/ 25	1.4	5.0	.8	.1														64	64	56	43						
24/ 23	1.4	4.9	.8	.1														63	64	66	34						
22/ 21	2.3	3.6	.3															54	54	67	64						
20/ 19	2.9	3.1	1.4															64	64	60	65						
18/ 17	1.6	3.0	.2															42	42	50	54						
16/ 15	2.1	2.7																42	42	51	50						
14/ 13	2.4	2.3	.2															43	44	49	43						
12/ 11	1.9	2.7	.1															42	44	34	57						
10/ 9	1.9	2.6	.1															41	42	35	37						
8/ 7	1.5	2.7	.1															38	40	45	34						
6/ 5	1.1	2.2																29	41	33	35						
4/ 3	1.7	1.5																28	33	29	29						
2/ 1	.6	1.1																15	16	23	24						
0/ -1	1.9	1.3																28	28	26	23						
-2/ -3	1.6	1.8																30	31	29	28						
-4/ -5	1.4	.7																18	20	20	19						
-6/ -7	1.4	.5																16	16	19	23						
-8/ -9	1.1	.1																11	11	12	29						
-10/-11	1.0	.1																10	10	9	16						
-12/-13	.3																	3	3	4	24						
-14/-15																					23						
-16/-17																					15						
-18/-19																					9						
Element (X)	Σx^2				Σx				\bar{x}				s_x				No. Obs.				Mean No. of Hours with Temperature						
Rel. Hum.																					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb																											
Wet Bulb																											
Dew Point																											

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HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-20/-21																						4										
-22/-23																						7										
-24/-25																						2										
-26/-27																						1										
TOTAL	34.5	55.4	8.2	1.4	.5													873	900	873	873											

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HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
54/ 53					.1													1	1				
52/ 51					.1													1	1				
50/ 49					.1													1	1				
48/ 47				.1														1	1				
46/ 45																				1			
44/ 43			.1															1	1	1			
42/ 41				.5														4	4	2			
40/ 39			.3	.1														4	4	1			
38/ 37		.1	.3	.2														6	6	2	1		
36/ 35	.1	.6	.5															10	10	8	2		
34/ 33		2.2	1.4	.5														35	35	18	5		
32/ 31	.9	1.9	.7	.1														32	32	30	18		
30/ 29	.5	3.6	.8	.1														44	44	40	23		
28/ 27	1.8	4.4	.2	.1														58	58	63	28		
26/ 25	1.6	4.8	.1	.2														59	59	54	45		
24/ 23	1.5	4.3																51	51	61	47		
22/ 21	2.0	2.9	.5															48	48	50	62		
20/ 19	4.0	2.7	.6															64	64	71	57		
18/ 17	1.9	2.6	.3															43	43	40	48		
16/ 15	2.3	3.7	.2															55	55	53	58		
14/ 13	2.4	2.0	.3															42	42	51	48		
12/ 11	1.8	2.5	.1															39	39	41	35		
10/ 9	2.0	3.6																50	51	38	49		
8/ 7	1.9	2.5																39	45	47	39		
6/ 5	1.0	1.2																20	23	30	39		
4/ 3	1.4	.7																18	22	19	30		
2/ 1	.6	1.6																19	23	17	27		
0/ -1	1.9	1.0																26	28	29	22		
-2/ -3	2.2	.8																26	27	26	15		
-4/ -5	1.4	.7																18	20	19	15		
-6/ -7	1.1	.8																17	17	19	22		
-8/ -9	1.9	.5																21	21	20	24		
-10/-11	2.0																	18	18	20	26		
-12/-13	.5																	4	4	4	16		
Element (X)	ΣX ²		ΣX		X		X		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																							
Wet Bulb																							
Dew Point																							

OBsolete

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM

USAF ETAC JUN 71

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U.S. SAFETY DATA SHEET FOR 2,4-DICHLOROPHENOXYACETIC ACID (2,4-D) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

66-75

DEC

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
52/ 51					.1													1	1					
50/ 49				.1	.1													2	2					
48/ 47				.1														1	1					
46/ 45				.1														1	1					
44/ 43			.1	.1	.2													4	4	3				
42/ 41				.3														3	3	1				
40/ 39				.3	.2													5	5	2				
38/ 37		.1	1.0															10	10	1				
36/ 35		.7	.8	.1														14	14	3				
34/ 33	.5	1.0	.8	.3														23	23	4				
32/ 31	1.3	2.6	.9	.5														46	46	16				
30/ 29	.5	2.7	.9															36	36	26				
28/ 27	2.2	3.2	.5	.2														53	53	29				
26/ 25	.9	3.9	.7															48	48	53				
24/ 23	2.5	2.6																45	45	43				
22/ 21	1.5	2.6																36	36	50				
20/ 19	3.0	3.7	.3	.1														62	62	53				
18/ 17	2.2	5.1	.3															67	67	35				
16/ 15	2.4	3.3	.1															51	51	56				
14/ 13	1.7	3.3																44	44	57				
12/ 11	1.7	3.5	.2															48	48	52				
10/ 9	1.6	1.9																31	31	35				
8/ 7	1.5	1.1																23	28	47				
6/ 5	1.6	1.9																31	36	37				
4/ 3	1.4	1.0																21	25	24				
2/ 1	.9	.6																13	17	20				
0/ -1	1.8	.9																24	27	21				
-2/ -3	2.3	.5																24	26	23				
-4/ -5	1.9	.7																23	29	17				
-6/ -7	1.6	.3																17	19	11				
-8/ -9	1.8	.3																19	19	30				
-10/-11	1.7	.3																18	18	18				
-12/-13	1.4																	12	12	15				
-14/-15	.9																	8	8	23				
Element (X)	ΣX ²			ΣX		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.												≤ 0 F		≤ 32 F		≤ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

DEC
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-75

YEARS

DEC

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B., W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
48/ 47				.2															2	2				
46/ 45				.1	.5														5	5				
44/ 43				.1	.1	.2													4	4				
42/ 41				.2															2	2	3			
40/ 39			.6	.1															6	6	1			
38/ 37		.3	.8	.1	.1														12	12	4			
36/ 35		.6	.5																9	9	14			
34/ 33	.6	1.1	1.0	.2															26	26	20			
32/ 31	.6	2.0	1.6	.2															39	39	29			
30/ 29	.1	2.7	.6	.1															31	31	27			
28/ 27	2.4	3.3	1.2	.1															62	62	58			
26/ 25	1.6	3.3	.5	.1															48	48	63			
24/ 23	1.6	2.8	.1	.1															41	42	48			
22/ 21	2.1	1.7	.1	.1															36	36	43			
20/ 19	3.4	2.8																	55	55	49			
18/ 17	2.5	3.7	.1																56	57	59			
16/ 15	2.5	2.9	.2																50	50	47			
14/ 13	1.5	3.3	.1																43	43	41			
12/ 11	1.1	3.4	.2																42	42	47			
10/ 9	1.7	2.5																	37	37	36			
8/ 7	1.4	2.8																	37	40	36			
6/ 5	1.7	1.9																	32	35	40			
4/ 3	1.7	.7																	21	22	29			
2/ 1	1.1	1.2																	21	25	18			
0/ -1	2.5	.7																	28	32	28			
-2/ -3	2.4	.7																	27	29	27			
-4/ -5	1.0	.9																	17	19	21			
-6/ -7	1.7	.6																	20	20	20			
-8/ -9	2.4	.5																	25	26	23			
-10/-11	.9	.3																	11	11	12			
-12/-13	1.9	.2																	19	19	21			
-14/-15	.5	.1																	5	5	4			
-16/-17	.8																		7	7	8			
-18/-19	.2																		2	2	2			
Element (X)	ΣX^2				ΣX				\bar{X}	σ_x	No. Obs.				Mean No. of Hours with Temperature								Total	
Rel. Hum.															≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

66-75

010
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

[illegible]

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-76

STATION		STATION NAME												YEARS	
HRS (LST.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	6.4	14.8	20.8	31.5	42.4	50.7	55.0	53.4	45.4	32.8	19.5	13.9	32.3	
	S D	14.338	13.645	11.425	6.113	4.866	4.374	3.900	4.259	5.361	9.003	11.895	14.221	18.805	
	TOTAL OBS	869	793	899	862	900	871	856	903	884	911	863	907	10518	
03-05	MEAN	5.9	13.6	19.3	29.8	40.7	49.6	53.7	51.8	44.1	31.7	18.9	13.6	31.2	
	S D	14.303	13.973	11.743	6.744	4.814	4.149	3.586	4.527	5.940	9.328	12.145	14.161	18.635	
	TOTAL OBS	875	787	911	877	905	869	850	910	881	915	867	908	10555	
06-08	MEAN	6.1	13.4	19.0	31.2	44.0	52.2	56.0	53.5	44.7	31.4	18.9	13.5	32.1	
	S D	14.515	14.162	11.962	7.162	4.970	4.390	3.983	4.003	5.931	9.339	12.288	14.019	19.492	
	TOTAL OBS	853	784	897	870	895	871	846	907	883	906	866	913	10493	
09-11	MEAN	7.0	16.1	24.2	36.0	48.5	55.6	59.3	57.5	49.2	34.6	20.6	14.1	35.4	
	S D	13.897	12.817	10.343	7.025	5.430	5.121	4.732	4.428	5.116	8.618	11.544	13.615	19.990	
	TOTAL OBS	853	787	899	859	890	867	844	910	883	910	865	903	10469	
12-14	MEAN	10.3	20.6	28.4	39.4	51.8	58.6	62.4	60.9	52.8	38.0	23.4	16.2	38.7	
	S D	12.008	11.206	9.534	7.072	5.842	5.644	5.618	4.892	5.214	8.376	10.226	12.041	19.711	
	TOTAL OBS	869	788	894	851	891	860	844	908	878	905	860	900	10446	
15-17	MEAN	9.5	21.1	29.5	40.0	52.1	59.3	62.9	61.5	53.4	37.9	22.2	15.5	38.9	
	S D	12.432	11.087	9.177	6.797	6.119	5.955	5.743	4.946	5.345	8.131	10.797	12.832	20.141	
	TOTAL OBS	858	779	885	874	888	861	846	906	877	908	870	906	10455	
18-20	MEAN	7.4	18.0	26.1	37.4	49.9	57.2	60.7	59.0	49.8	34.7	20.3	14.7	36.4	
	S D	14.021	12.570	9.646	6.243	5.946	5.556	5.243	4.624	5.241	8.388	11.504	13.738	20.210	
	TOTAL OBS	862	764	905	873	891	870	849	909	886	907	868	907	10491	
21-23	MEAN	6.5	16.2	23.1	34.2	45.7	53.4	57.4	55.6	46.8	33.2	19.5	14.2	34.0	
	S D	14.189	13.072	10.412	5.808	5.142	4.572	4.362	4.207	5.155	8.891	11.490	14.020	19.337	
	TOTAL OBS	871	773	900	877	901	874	855	907	888	908	866	907	10527	
ALL HOURS	MEAN	7.4	16.7	23.8	34.9	46.9	54.6	58.4	56.6	48.3	34.3	20.4	14.5	34.9	
	S D	13.820	13.149	11.221	7.565	6.755	6.056	5.703	5.656	6.376	9.085	11.597	13.625	19.742	
	TOTAL OBS	6910	6255	7190	6942	7161	6943	6790	7260	7058	7270	6925	7253	83957	

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-76

STATION		STATION NAME												YEARS											
HRS (LST.)		JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	MEAN	5.7	13.7	19.0	28.6	38.2	46.2	50.9	49.9	42.6	30.3	18.4	13.2	29.9											
	S D.	13.697	13.083	10.798	5.763	4.101	3.851	3.180	4.072	5.626	8.306	11.197	13.637	17.470											
	TOTAL OBS	857	786	897	862	899	871	856	903	881	910	859	879	10460											
03-05	MEAN	5.1	12.7	17.8	27.3	37.3	45.8	50.1	48.8	41.5	29.6	18.0	12.9	29.1											
	S D.	13.739	13.378	11.111	6.397	4.184	3.682	3.074	4.421	5.915	8.600	11.477	13.681	17.469											
	TOTAL OBS	861	774	910	876	904	869	850	909	879	913	861	860	10486											
06-08	MEAN	5.4	12.4	17.5	28.3	39.3	47.3	51.5	49.9	42.0	29.3	17.9	13.0	29.7											
	S D.	13.941	13.550	11.285	6.518	4.002	3.600	3.014	4.031	5.798	8.643	11.525	13.417	17.954											
	TOTAL OBS	842	768	897	870	895	871	845	906	880	905	860	892	10431											
09-11	MEAN	6.3	14.9	21.6	31.3	41.5	48.9	53.0	52.0	44.9	31.6	19.4	13.5	31.8											
	S D.	13.389	12.178	9.498	5.840	3.903	3.714	3.087	3.806	4.868	7.835	10.852	13.044	17.746											
	TOTAL OBS	839	780	899	858	889	867	844	910	882	910	861	877	10416											
12-14	MEAN	9.3	18.7	24.7	33.5	43.1	50.4	54.5	53.6	46.6	33.7	21.8	15.5	33.9											
	S D.	11.513	10.474	8.513	5.501	4.095	3.925	3.315	3.746	4.629	7.371	9.515	11.513	16.868											
	TOTAL OBS	861	783	890	851	891	860	844	908	876	905	858	873	10400											
15-17	MEAN	8.6	19.1	25.5	33.9	43.1	50.6	54.7	54.0	47.1	33.9	20.7	14.8	34.0											
	S D.	11.984	10.412	8.242	5.062	4.187	4.007	3.379	3.570	4.590	7.278	10.197	12.286	17.180											
	TOTAL OBS	843	776	889	874	885	861	845	906	876	907	870	883	10411											
18-20	MEAN	6.5	16.5	23.3	32.0	42.1	49.5	53.8	53.0	45.5	31.9	19.1	14.2	32.6											
	S D.	13.432	11.943	8.956	4.948	4.116	3.734	3.292	3.430	4.979	7.756	10.847	13.075	17.717											
	TOTAL OBS	847	759	905	873	891	870	849	909	885	904	862	876	10430											
21-23	MEAN	5.6	15.0	21.0	30.6	40.1	47.8	52.4	51.4	43.5	30.6	18.3	13.5	31.1											
	S D.	13.585	12.584	9.836	5.273	4.024	3.668	3.177	3.668	5.356	8.150	10.887	13.368	17.646											
	TOTAL OBS	857	763	900	877	901	874	855	906	886	907	863	885	10474											
ALL HOURS	MEAN	6.6	15.4	21.3	30.8	40.6	48.3	52.6	51.6	44.2	31.4	19.2	13.8	31.5											
	S D.	13.259	12.475	10.252	6.147	4.577	4.141	3.562	4.253	5.600	8.170	10.902	13.046	17.599											
	TOTAL OBS	6807	6189	7183	6941	7155	6943	6788	7257	7045	7261	6894	7045	83508											

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE 66-76

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	-1.3	1.4	12.5	22.5	32.5	41.5	47.3	46.6	39.3	25.5	13.8	7.8	24.8	
	S.D.	15.570	15.696	13.100	7.949	5.015	5.138	3.952	5.166	7.451	10.059	12.656	15.730	19.198	
	TOTAL OBS	857	766	897	862	899	871	856	903	881	910	859	879	10460	
03-05	MEAN	-1.8	6.5	11.7	21.8	32.4	41.6	46.9	46.0	38.5	25.2	13.4	7.5	24.4	
	S.D.	15.614	15.622	13.074	8.363	4.912	4.761	3.713	5.304	7.304	9.980	12.909	15.758	19.236	
	TOTAL OBS	861	774	910	876	904	869	850	909	879	913	861	880	10486	
06-08	MEAN	-1.4	6.2	11.4	22.1	32.9	42.3	47.5	46.5	38.8	25.0	13.4	7.9	24.6	
	S.D.	15.926	15.854	13.212	8.187	5.032	4.683	3.591	5.247	7.148	9.943	12.858	15.380	19.387	
	TOTAL OBS	842	768	897	870	895	871	845	906	880	905	860	892	10431	
09-11	MEAN	-0.7	8.5	13.9	22.7	32.4	42.2	47.6	47.0	39.9	26.7	14.6	8.2	25.4	
	S.D.	15.644	14.460	11.594	7.647	5.565	4.988	3.741	5.669	7.102	9.641	12.163	15.011	18.792	
	TOTAL OBS	839	780	899	858	809	867	844	910	882	910	861	877	10416	
12-14	MEAN	2.1	11.5	15.0	23.3	32.1	42.3	47.8	47.1	39.8	26.5	16.5	10.0	26.3	
	S.D.	14.225	12.923	11.189	7.324	6.024	5.555	4.019	6.175	7.660	9.724	10.966	13.644	17.740	
	TOTAL OBS	861	783	890	851	891	860	844	908	876	905	828	873	10400	
15-17	MEAN	1.0	11.8	15.6	23.5	31.7	42.1	47.8	47.4	40.1	27.2	15.6	9.5	26.3	
	S.D.	14.682	13.238	11.235	7.187	6.330	5.675	4.207	5.919	7.792	9.796	11.626	14.466	18.038	
	TOTAL OBS	843	776	885	874	885	861	845	906	876	907	870	883	10411	
18-20	MEAN	-0.7	10.0	15.3	23.9	32.1	41.8	47.9	47.7	40.7	26.6	14.2	8.8	26.0	
	S.D.	15.446	14.416	11.687	7.062	6.027	5.531	4.327	5.364	7.412	9.920	12.358	15.197	18.729	
	TOTAL OBS	847	759	905	873	891	870	849	909	885	904	862	876	10430	
21-23	MEAN	-1.6	8.7	14.2	23.5	32.7	42.1	48.1	47.5	39.5	25.6	13.6	8.1	25.4	
	S.D.	15.620	15.177	12.387	7.599	5.627	5.317	4.071	5.096	7.590	10.041	12.362	15.311	19.126	
	TOTAL OBS	857	763	900	877	901	874	855	906	886	907	863	885	10474	
ALL HOURS	MEAN	-0.5	8.8	13.7	22.9	32.4	42.0	47.6	47.0	39.6	26.0	14.4	8.5	25.4	
	S.D.	15.396	14.835	12.305	7.708	5.595	5.222	3.975	5.529	7.462	9.908	12.292	15.094	18.803	
	TOTAL OBS	6807	6189	7103	6941	7155	6943	6788	7257	7045	7261	6894	7045	83508	

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE
STATION

66-76
PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	99.8	99.4	98.4	95.0	89.2	77.8	55.1	31.5	11.4	71.0	6807
FEB		100.0	100.0	99.8	96.9	89.2	75.1	56.3	35.3	11.6	71.8	6189
MAR		100.0	100.0	99.5	94.9	82.9	64.2	42.7	21.1	5.2	66.6	7183
APR		100.0	100.0	99.1	91.0	75.2	55.8	34.2	18.4	4.7	63.4	6941
MAY		100.0	100.0	97.3	85.7	67.0	46.1	26.1	11.1	1.7	59.2	7155
JUN		100.0	99.9	99.1	93.7	81.4	60.3	36.8	13.6	1.7	64.2	6943
JUL		100.0	100.0	100.0	97.9	88.3	70.2	48.1	20.9	3.3	68.7	6788
AUG		100.0	99.9	99.4	97.0	90.4	77.1	58.4	30.0	4.7	71.6	7257
SEP		100.0	100.0	99.2	95.9	90.1	80.1	64.4	38.4	11.3	73.5	7045
OCT		100.0	99.9	99.4	96.7	89.7	78.3	60.9	39.4	13.0	73.1	7261
NOV		100.0	100.0	100.0	99.4	95.4	90.0	76.5	47.6	15.6	77.8	6894
DEC		100.0	100.0	99.6	98.5	95.7	85.2	70.7	46.3	16.1	76.5	7045
TOTALS		100.0	99.9	99.2	95.2	86.2	71.7	52.5	29.5	8.4	69.8	83508

RELATIVE HUMIDITY

JAN
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	99.8	99.5	98.9	95.3	89.7	78.2	54.1	31.0	12.0	71.2	857
	03-05	99.8	99.4	98.6	95.6	91.5	78.9	55.7	32.5	11.7	71.6	861
	06-08	99.5	99.5	98.7	95.8	91.4	80.8	59.6	32.3	11.3	72.2	842
	09-11	99.9	98.9	98.0	95.0	91.2	79.4	55.7	31.1	11.9	71.3	839
	12-14	100.0	99.5	97.8	93.6	86.9	76.2	55.5	31.6	11.6	70.6	861
	15-17	100.0	99.5	97.5	92.9	86.1	73.4	53.1	31.9	10.6	69.7	843
	18-20	99.8	99.5	98.7	95.6	87.6	77.6	54.5	30.2	10.5	70.6	847
	21-23	99.8	99.6	98.6	95.8	89.1	77.5	52.9	31.4	11.3	70.8	857
TOTALS		99.8	99.4	98.4	95.0	89.2	77.8	55.1	31.5	11.4	71.0	6807

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

264C1 ELMENDORF AFB ALASKA/ANCHORAGE
STATION STATION NAME

67-76
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.6	97.1	92.0	77.9	58.5	37.9	13.0	73.1	786
	03-05	100.0	100.0	99.9	97.5	92.9	78.4	59.9	38.0	15.4	73.5	774
	06-08	100.0	99.9	99.9	97.8	92.3	80.5	59.0	36.2	13.6	73.3	768
	09-11	100.0	100.0	99.6	98.1	91.5	76.9	58.6	34.4	11.0	72.4	780
	12-14	100.0	100.0	100.0	96.3	84.7	68.7	48.7	28.5	6.5	68.8	783
	15-17	100.0	100.0	100.0	94.1	83.2	66.8	47.3	30.3	7.9	68.3	776
	18-20	100.0	100.0	99.7	97.2	87.7	75.4	58.1	36.5	11.7	72.0	759
	21-23	100.0	100.0	100.0	97.4	88.9	76.0	60.2	40.8	13.4	73.1	763
TOTALS		100.0	100.0	99.8	96.9	89.2	75.1	56.3	35.3	11.6	71.8	6189

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

67-76
PERIOD

MAR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.0	88.9	76.1	55.6	28.8	6.6	70.9	897
	03-05	100.0	100.0	99.9	99.0	92.0	80.5	60.2	32.9	8.7	73.0	910
	06-08	100.0	100.0	100.0	99.3	94.0	81.0	58.5	31.3	9.5	72.8	897
	09-11	100.0	100.0	99.9	96.6	85.1	61.6	37.2	16.4	4.2	65.7	899
	12-14	100.0	100.0	99.1	88.3	67.1	41.1	21.3	9.1	1.1	58.2	890
	15-17	100.0	100.0	98.0	87.9	64.4	39.9	20.5	8.5	1.2	57.4	885
	18-20	100.0	100.0	99.1	93.7	82.3	59.7	37.0	16.9	4.1	64.9	905
	21-23	100.0	100.0	99.9	96.3	87.7	74.0	51.6	25.2	6.2	69.5	900
TOTALS		100.0	100.0	99.5	94.9	82.9	64.2	42.7	21.1	5.2	66.6	7183

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
AFAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE
STATION STATION NAME

67-76

APR

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	99.7	91.6	74.8	48.1	26.5	7.4	70.1	862
	03-05	100.0	100.0	100.0	99.3	94.6	82.6	56.4	31.2	7.5	72.7	876
	06-08	100.0	100.0	100.0	98.6	92.0	73.6	46.8	24.6	6.8	69.9	870
	09-11	100.0	100.0	99.7	91.5	68.2	43.9	23.0	11.1	3.3	59.8	858
	12-14	100.0	99.9	98.1	79.6	51.7	30.9	17.4	8.0	1.2	54.3	851
	15-17	100.0	99.9	96.3	74.7	51.9	32.4	17.6	10.2	1.7	54.0	874
	18-20	100.0	100.0	98.7	87.2	67.5	46.4	27.5	14.4	3.6	60.1	873
	21-23	100.0	100.0	99.8	97.4	83.1	61.7	36.9	20.6	6.4	66.0	877
TOTALS		100.0	100.0	99.1	91.0	75.2	55.8	34.2	18.4	4.7	63.4	6941

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

MAY
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.3	93.1	73.7	41.6	17.6	3.0	68.8	899
	03-05	100.0	100.0	100.0	100.0	97.9	83.7	56.9	26.5	4.5	72.7	904
	06-08	100.0	100.0	100.0	99.0	87.5	63.2	35.6	15.0	2.2	66.1	895
	09-11	100.0	100.0	98.9	84.6	57.8	31.8	15.6	5.1	.6	55.2	889
	12-14	100.0	100.0	93.5	69.1	37.9	17.8	8.1	3.4	.3	48.7	891
	15-17	100.0	99.7	90.8	63.5	36.4	17.4	9.7	4.4	.6	47.8	885
	18-20	100.0	99.9	95.7	75.5	49.5	27.9	12.9	5.7	.8	52.5	891
	21-23	100.0	100.0	99.6	94.2	75.9	53.3	28.0	11.3	1.5	62.0	901
TOTALS		100.0	100.0	97.3	85.7	67.0	46.1	26.1	11.1	1.7	59.2	7155

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
PERIOD

JUN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.5	95.1	81.1	58.7	23.2	4.7	71.7	871
	03-05	100.0	100.0	100.0	99.9	97.6	89.3	67.7	32.3	4.6	74.6	869
	06-08	100.0	100.0	100.0	99.1	95.1	80.4	48.5	18.7	2.1	69.8	871
	09-11	100.0	100.0	99.9	95.2	80.0	53.9	26.4	8.9	.1	61.9	867
	12-14	100.0	99.8	97.9	87.0	65.5	35.1	15.5	3.4		56.1	860
	15-17	100.0	99.9	97.2	83.4	62.3	31.6	12.9	2.8	.2	54.7	861
	18-20	100.0	99.7	97.7	87.8	69.5	43.8	20.8	6.1	.3	58.2	870
	21-23	100.0	100.0	99.9	97.7	85.2	66.8	44.2	13.6	1.9	66.6	874
TOTALS		100.0	99.9	99.1	93.7	81.4	60.3	36.8	13.6	1.7	64.2	6943

USAFETAC PC JUL 66 2 (OL A)

RELATIVE HUMIDITY

JUL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	98.4	90.3	72.7	37.5	5.6	75.7	856
	03-05	100.0	100.0	100.0	100.0	99.3	95.8	80.6	39.9	7.4	78.2	850
	06-08	100.0	100.0	100.0	100.0	98.3	88.4	63.1	25.3	4.0	73.8	845
	09-11	100.0	100.0	100.0	98.2	91.1	65.9	35.0	12.0	1.4	66.1	844
	12-14	100.0	100.0	99.6	94.8	74.6	43.8	20.6	9.0	.7	60.3	844
	15-17	100.0	100.0	100.0	93.7	70.3	40.6	20.5	9.3	.7	59.3	845
	18-20	100.0	100.0	100.0	96.7	81.0	57.2	23.8	14.1	2.0	64.3	849
	21-23	100.0	100.0	100.0	99.9	91.2	79.6	58.2	25.3	4.6	72.0	855
TOTALS		100.0	100.0	100.0	97.9	88.3	70.2	48.1	20.9	3.3	68.7	6788

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

20401 ELMENDORF AFB ALASKA/ANCHORAGE
STATION STATION NAME

66-75
PERIOD

AUG
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	99.9	98.8	94.0	79.0	44.4	7.6	78.4	903
	03-05	100.0	100.0	100.0	100.0	99.4	96.8	87.7	55.7	10.9	81.0	909
	06-08	100.0	100.0	100.0	99.7	97.9	92.7	76.2	41.2	9.2	77.6	906
	09-11	100.0	100.0	99.6	97.1	91.1	74.4	49.1	18.6	2.4	69.1	910
	12-14	100.0	99.7	98.0	91.9	78.4	53.4	30.1	10.7	.3	62.1	908
	15-17	100.0	99.7	98.0	91.9	75.9	51.4	29.0	12.0	1.0	61.8	906
	18-20	100.0	99.8	99.7	96.0	86.5	68.0	46.8	20.4	2.2	67.8	909
	21-23	100.0	100.0	99.9	99.2	95.5	86.0	69.3	37.3	3.8	75.1	906
TOTALS		100.0	99.9	99.4	97.0	90.4	77.1	58.4	30.0	4.7	71.6	7257

2

26401	ELMENDORE AFB ALASKA/ANCHORAGE	66-75	SEP
STATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	99.4	97.5	92.3	80.0	53.7	17.0	79.6	881
	03-05	100.0	100.0	100.0	99.8	98.5	93.7	85.0	60.8	18.7	81.2	879
	06-06	100.0	100.0	100.0	99.4	97.6	92.6	84.8	55.0	17.4	80.2	880
	09-11	100.0	100.0	99.6	97.1	89.9	79.0	58.5	28.0	8.4	71.7	882
	12-14	100.0	100.0	97.5	89.8	77.2	59.7	34.8	15.0	4.8	63.4	876
	15-17	100.0	100.0	96.9	87.7	75.8	56.8	37.3	16.4	4.0	63.0	876
	18-20	100.0	100.0	99.3	95.8	90.5	80.2	60.7	32.1	7.9	72.2	885
	21-23	100.0	100.0	99.7	98.3	94.1	86.3	73.9	46.0	11.9	76.8	886
TOTALS		100.0	100.0	99.2	95.9	90.1	80.1	64.4	38.4	11.3	73.5	7045

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401 ELMENDORF AFB ALASKA/ANCHORAGE
STATION STATION NAME

66-75
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	99.7	98.1	92.4	82.4	68.4	46.4	15.2	75.8	910
	03-05	100.0	100.0	100.0	99.2	93.6	88.3	75.1	52.2	18.3	77.9	913
	06-08	100.0	100.0	99.9	99.3	94.4	89.5	75.0	53.4	18.9	78.4	905
	09-11	100.0	100.0	99.7	97.4	90.4	73.1	57.6	36.6	12.2	72.6	910
	12-14	100.0	99.8	98.2	92.4	80.7	59.7	37.6	19.6	6.6	65.0	905
	15-17	100.0	99.8	98.1	92.6	83.8	63.5	44.8	23.8	7.9	66.9	907
	18-20	100.0	99.8	99.6	97.1	91.0	81.2	62.6	37.9	11.1	73.3	904
	21-23	100.0	100.0	99.9	97.7	91.3	82.4	66.3	45.3	13.8	74.9	907
TOTALS		100.0	99.9	99.4	96.7	89.7	78.3	60.9	39.4	13.0	73.1	7261

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.5	95.6	91.2	79.6	51.3	16.8	78.8	859
	03-05	100.0	100.0	100.0	99.5	96.1	91.9	79.8	49.7	18.8	79.0	861
	06-08	100.0	100.0	100.0	99.9	96.0	91.6	80.2	50.8	16.9	78.9	860
	09-11	100.0	100.0	99.9	99.8	95.9	91.5	76.8	47.9	14.3	78.0	861
	12-14	100.0	100.0	100.0	99.3	94.2	85.0	68.5	40.3	9.3	75.3	858
	15-17	100.0	100.0	100.0	99.1	95.2	89.4	72.5	43.2	11.6	76.3	870
	18-20	100.0	100.0	100.0	99.4	94.7	89.2	76.2	47.6	18.4	77.7	862
	21-23	100.0	100.0	99.9	98.8	95.2	89.9	78.1	50.2	13.9	78.3	863
TOTALS		100.0	100.0	100.0	99.4	95.4	90.0	76.5	47.6	15.6	77.8	6894

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

26401
STATION

ELMENDORF AFB ALASKA/ANCHORAGE
STATION NAME

66-75
PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	99.9	99.9	99.3	97.8	95.4	84.8	69.2	47.9	16.4	75.4	879
	03-05	99.9	99.9	99.3	98.1	95.6	85.6	69.9	48.1	18.1	76.7	380
	06-08	100.0	100.0	99.7	98.8	96.2	87.1	73.4	48.9	17.0	77.5	892
	09-11	100.0	100.0	99.8	99.0	96.4	84.9	72.5	45.8	16.1	76.6	877
	12-14	100.0	100.0	100.0	98.1	94.5	84.0	70.8	44.7	13.7	75.8	873
	15-17	100.0	100.0	99.8	98.4	95.6	84.5	70.6	46.8	17.0	76.6	883
	18-20	99.9	99.9	99.7	99.1	96.1	85.2	69.6	44.3	14.6	76.2	876
	21-23	100.0	100.0	99.4	98.4	96.0	85.5	69.6	43.8	15.6	76.2	885
TOTALS		100.0	100.0	99.6	98.5	95.7	85.2	70.7	46.3	16.1	76.5	7045

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

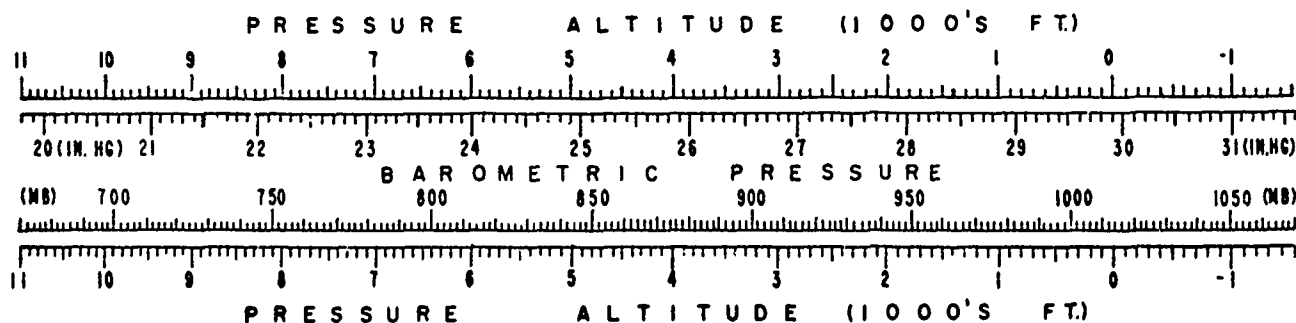
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-76

STATION		STATION NAME										YEARS											
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL									
02	MEAN	29.608	29.423	29.528	29.536	29.632	29.670	29.730	29.632	29.533	29.388	29.452	29.399	29.544									
	S D	.448	.384	.334	.299	.253	.190	.195	.221	.315	.317	.404	.437	.344									
	TOTAL OBS	284	263	297	284	301	291	283	303	293	299	282	307	3487									
05	MEAN	29.596	29.430	29.518	29.538	29.640	29.675	29.730	29.628	29.530	29.386	29.442	29.400	29.543									
	S D	.446	.389	.334	.300	.248	.190	.193	.220	.314	.321	.397	.441	.344									
	TOTAL OBS	288	264	305	290	302	289	282	301	294	301	290	301	3507									
08	MEAN	29.584	29.424	29.530	29.553	29.637	29.677	29.736	29.635	29.540	29.397	29.449	29.398	29.546									
	S D	.440	.387	.333	.302	.249	.190	.194	.220	.312	.321	.398	.438	.343									
	TOTAL OBS	281	259	295	290	298	293	277	293	295	300	291	305	3477									
11	MEAN	29.610	29.447	29.541	29.546	29.633	29.669	29.726	29.644	29.539	29.404	29.456	29.405	29.551									
	S D	.442	.388	.331	.299	.248	.190	.185	.218	.316	.325	.395	.439	.342									
	TOTAL OBS	284	268	297	283	296	287	275	290	298	302	290	303	3482									
14	MEAN	29.592	29.427	29.530	29.531	29.610	29.657	29.717	29.620	29.520	29.382	29.454	29.392	29.536									
	S D	.446	.386	.328	.302	.251	.188	.185	.222	.315	.326	.393	.437	.341									
	TOTAL OBS	282	256	293	279	295	281	279	297	287	294	280	298	3421									
17	MEAN	29.577	29.413	29.513	29.519	29.604	29.650	29.701	29.608	29.507	29.378	29.449	29.400	29.526									
	S D	.433	.388	.321	.295	.245	.190	.187	.220	.309	.328	.397	.441	.339									
	TOTAL OBS	284	260	298	292	292	291	273	303	290	306	293	302	3484									
20	MEAN	29.589	29.413	29.524	29.527	29.605	29.653	29.703	29.612	29.518	29.385	29.457	29.392	29.532									
	S D	.447	.390	.333	.299	.246	.190	.186	.220	.311	.328	.398	.438	.341									
	TOTAL OBS	286	256	303	290	298	290	285	300	296	297	293	303	3497									
23	MEAN	29.592	29.417	29.533	29.536	29.629	29.672	29.723	29.624	29.526	29.399	29.459	29.406	29.543									
	S D	.443	.387	.328	.295	.245	.189	.190	.219	.312	.324	.395	.440	.341									
	TOTAL OBS	290	260	300	291	297	292	281	301	293	304	285	304	3501									
ALL HOURS	MEAN	29.593	29.424	29.527	29.535	29.624	29.665	29.721	29.626	29.527	29.389	29.452	29.399	29.540									
	S D	.442	.387	.330	.299	.248	.189	.189	.220	.313	.324	.397	.438	.342									
	TOTAL OBS	2279	2086	2388	2299	2379	2314	2235	2397	2346	2403	2307	2423	27856									

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

26401 ELMENDORF AFB ALASKA/ANCHORAGE

66-76

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
02	MEAN	1010.6	1004.6	1008.0	1008.4	1011.5	1012.7	1014.6	1011.4	1008.0	1003.2	1005.4	1003.8	1008.5
	S D	15.504	12.985	11.483	10.116	8.494	6.490	6.533	7.408	10.652	10.839	13.733	14.961	11.696
	TOTAL OBS	287	261	297	285	302	292	283	304	292	300	283	307	3493
05	MEAN	1010.3	1004.8	1007.8	1008.4	1011.7	1012.9	1014.7	1011.3	1007.9	1003.1	1005.3	1004.0	1008.5
	S D	15.199	13.216	11.405	10.226	8.312	6.490	6.538	7.324	10.580	10.935	13.715	15.007	11.680
	TOTAL OBS	295	263	305	291	301	289	285	304	294	302	290	301	3520
08	MEAN	1010.1	1004.6	1008.1	1008.7	1011.5	1013.0	1014.9	1011.6	1008.4	1003.3	1005.7	1003.7	1008.6
	S D	15.115	13.209	11.455	10.237	8.541	6.487	6.541	7.388	10.542	10.936	13.620	14.940	11.683
	TOTAL OBS	285	257	297	292	296	293	279	297	295	300	288	305	3484
11	MEAN	1010.7	1005.4	1008.5	1008.7	1011.4	1012.6	1014.7	1011.6	1008.2	1003.6	1005.8	1003.9	1008.8
	S D	15.145	13.203	11.335	10.191	8.499	6.462	6.329	7.480	10.661	11.110	13.700	14.944	11.640
	TOTAL OBS	284	266	298	285	297	287	279	305	297	303	288	301	3490
14	MEAN	1010.3	1004.8	1008.1	1008.2	1010.7	1012.3	1014.3	1011.0	1007.6	1003.0	1005.6	1003.6	1008.3
	S D	15.337	13.168	11.069	10.188	8.632	6.394	6.274	7.461	10.647	11.106	13.729	14.997	11.638
	TOTAL OBS	284	255	291	279	295	282	282	298	287	294	280	297	3424
17	MEAN	1009.9	1004.2	1007.5	1007.7	1010.4	1012.0	1013.8	1010.5	1007.1	1002.8	1005.4	1003.8	1007.9
	S D	14.787	13.194	11.066	9.982	8.283	6.465	6.330	7.471	10.354	11.114	13.642	15.142	11.510
	TOTAL OBS	281	260	299	292	294	292	281	305	289	305	293	301	3492
20	MEAN	1010.2	1004.2	1007.9	1008.0	1010.5	1012.1	1013.9	1010.7	1007.5	1003.1	1005.6	1003.6	1008.1
	S D	15.358	13.294	11.211	10.004	8.418	6.485	6.318	7.384	10.488	11.160	13.705	14.937	11.587
	TOTAL OBS	287	256	302	290	298	290	288	301	296	298	291	300	3497
23	MEAN	1010.2	1004.3	1008.2	1008.2	1011.3	1012.7	1014.5	1011.2	1007.8	1003.5	1005.8	1004.1	1008.5
	S D	15.273	13.173	11.198	10.071	8.394	6.431	6.360	7.376	10.549	11.262	13.584	15.077	11.624
	TOTAL OBS	293	259	301	290	297	293	287	302	293	303	287	302	3507
ALL HOURS	MEAN	1010.3	1004.6	1008.0	1008.3	1011.1	1012.5	1014.4	1011.2	1007.8	1003.2	1005.6	1003.8	1008.4
	S D	15.196	13.163	11.266	10.116	8.448	6.462	6.406	7.412	10.551	11.044	13.659	14.980	11.634
	TOTAL OBS	2296	2077	2390	2304	2380	2318	2264	2416	2342	2405	2300	2414	27907